

TextGrid's Baseline Encoding for Text Data in
TEI P5

TextGrid

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Abstract

To enable structured search and processing capabilities across all text documents published in TextGrid, we have developed the concept of a *baseline encoding*, oriented along the TEI P5 guidelines.

This documentation first introduces the encoding's basic principles, then presents generic text encoding structures (chapters 2–4) and finally the encoding guidelines for individual kinds of text.

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Chapter 1

Introduction to TextGrid's Baseline Encoding

Thorsten Vitt¹

June 15th 2007

To enable structured search and processing capabilities across TextGrid's data pools, Textgrid developed the so-called Baseline Encoding, a text-type specific encoding which is based on the TEI P5 standard.

¹translated by Jens Mittelbach and Felix Kühne

1.1 Why Baseline Encoding?

Texts of projects, which are published in TextGrid, enable the following search options:

1. the *project specific search* allows queries only in texts of the project in question, whereas those responsible for the project are able to adapt search masks and presentation of results to the specific demands of their project;
2. the *TextGrid intertextual search* offers an intertextual search within all projects in TextGrid.

For the former, projects can exploit all features of the TEI encoding (or the even less restrained XML format). For the latter, however, it is necessary to map project specific encodings on a common Baseline Encoding. The mapping is realised by an *Adaptor* (e.g. an XSLT Stylesheet).

1.2 Requirements for Baseline Encoding

Projekts have to meet three requirements:

1. **Intelligent Search.** In contrast to the simple free text search, a structured search based upon specific encodings of different text types should facilitate more precise and therefore more intelligent queries. The fundamental question is which aspects of the different text types are of special interest for either a general intertextual search or a text-type specific intertextual search (we aim at supporting a broad range of searches, excluding highly specific ones).
2. **Structured presentation of search results.** As:
 - (a) Search results should be displayed according to the particular editorial context of the place of discovery (e.g. "Shakespeare' Macbeth' Act II' Scene 1").
 - (b) The typographical conventions of the respective text type should be retained (e.g. verses on single lines, typographical difference between stage directions and the characters' speech).
3. **Data reuse and data processing** The baseline encoding also facilitates the reuse of data across research groups and project contexts. Even automatic processing and information retrieval, e.g. linking to dictionary entries, is possible.

We chose his structure to modularise the encoding due to its function:

1. general structural data
2. general content data (inline elements)
3. metadata (TEI Header information)
4. text-type specific encodings:
 - letters
 - prose, drama, verse
 - dictionaries
 - editions

The general components are intended to be re-used in all genres, if applicable.

While the documentation is organized by genre, we provide the TEI P5 schema used for technical validation as one single schema file to allow for documents composed from different types of texts.

1.3 Components

The specification of a Baseline Encoding includes

1. a *formal scheme* based on TEI or related standards as necessary that uses the TEI specification language ODD (versions in W3C XML Schema, Relax NG and DTDs can be generated from this schema, e.g., by the Roma web application).
2. detailed *documentation* of this scheme must be included in the specification and explain
 - the search or display tasks that the schema elements have to comply with and
 - how to use the scheme
3. sample texts of the respective text type encoded according both to the project-specific and the baseline encoding
4. a sample adaptor.

1.4 What Baseline Encoding is not

The Baseline Encoding represents a compromise for the sole purpose of realizing cross-project features within TextGrid. Therefore, the Baseline Encoding is explicitly no best-practice recommendation for the encoding concepts of new projects. Projects willing to use TextGrid should choose a text encoding matching their specific requirements.

Chapter 2

TEI P5 Elements for structuring texts in Baseline Encoding

Fotis Jannidis

October 16th 2008

This paper describes the elements which determine the structure of all documents in TEI P5. The structure elements form part of the modules core, figures, header and textstructure.

2.1 Baseline elements of TEI P5

2.1.1 XML elements

Table 4.1 shows the XML element <head> of the module core, which is included in the baseline encoding.

Table 2.1: Elements of the baseline encoding (modul core)

Element	Function	Status
<head>	contains any type of heading	optional

Table 3.3 shows the XML element <figure> of the module figures, which is included in the baseline encoding.

Table 2.2: Elements of the baseline encoding (modul figures)

Element	Function	Status
<figure>	groups elements representing or containing graphic information	optional

Table 4.3 shows the XML element <teiHeader> of the module header, which is included in the baseline encoding.

Table 2.3: Elements of the baseline encoding (modul header)

Element	Function	Status
<teiHeader>	contains a TEI P5 header	required

Table 2.4 shows the XML elements of the module textstructure, which are included in the baseline encoding.

Table 2.4: Elements of the baseline encoding (modul text-structure)

Element	Function	Status
<TEI>	contains a single TEI-conformant document; the TEI namespace xmlns has to be declared	required
<text>	contains a single text of any kind	required

Table 2.4 – continued

Element	Function	Status
<front>	front matter	optional
<titlepage>	contains the title page of a text	optional
<docAuthor>	contains the name of the author of the document, as given on the title page	optional
<docTitle>	contains the element <titlePart>	optional
<titlePart>	contains a subsection or division of the title of a work, as indicated on a title page	optional
<body>	contains the whole body of a single unitary text, excluding any front or back matter	optional
<group>	contains the body of a composite text, grouping together a sequence of distinct texts	optional
<back>	back matter	optional
<div>	text division	optional

Chapter 3

General inline elements in TEI P5 for Baseline Encoding

Marc Wilhelm Küster

October 17th 2008

There are further elements, besides the structure elements, which can be used for all kinds of texts, namely inline elements. For baseline encoding, the following elements were chosen of the modules `analysis`, `core`, `figures`, `gaiji`, `linking` and `transcr`.

3.1 Baseline elements of TEI P5

3.1.1 XML elements

Table 3.1 shows the XML element `<w>` of the module `analysis`, which is included in the baseline encoding.

Table 3.1: Elements of the baseline encoding (modul `analysis`)

Element	Function	Status
<code><w></code>	word	optional

Table 4.1 shows the XML elements of the module `core`, which are included in the baseline encoding.

Table 3.2: Elements of the baseline encoding (modul `core`)

Element	Function	Status
<code><hi></code>	marks a word or phrase as graphically distinct from the surrounding text	optional
<code><foreign></code>	identifies a word or phrase as belonging to some language other than that of the surrounding text	optional
<code><emph></code>	marks words or phrases which are stressed or emphasized	optional
<code><q></code>	contains material which is marked as being somehow different than the surrounding text	optional
<code><quote></code>	contains a phrase or passage attributed by the narrator or author to some agency external to the text	optional
<code><cit></code>	groups the elements <code><q></code> , <code><quote></code> and <code><bibl></code>	optional
<code><term></code>	contains a technical term	optional
<code><choice></code>	groups a number of alternative encodings for the same point in a text; groups the elements <code><sic></code> , <code><corr></code> , <code><reg></code> , <code><orig></code> , <code><unclear></code> , <code><abbr></code> und <code><expa></code>	optional

Table 3.2 – continued

Element	Function	Status
<sic>	contains text reproduced although apparently incorrect or inaccurate	optional
<corr>	contains the correct form of a passage apparently erroneous in the copy text	optional
<reg>	contains a reading which has been regularized or normalized in some sense	optional
<orig>	contains a reading which is marked as following the original, rather than being normalized or corrected	optional
<gap>	indicates a point where material has been omitted	optional
<unclear>	contains a word, phrase, or passage which cannot be transcribed with certainty because it is illegible or inaudible in the source	optional
<rs>	contains a general purpose name or referring string	optional
<date>	contains a date in any format in ISO format (Gregorian Calendar)	optional
<abbr>	contains an abbreviation of any sort	optional
<expan>	contains the expansion of an abbreviation	optional
<ref>	defines a reference to another location	optional
<note>	contains a note or annotation	optional
<index>	marks a location to be indexed for whatever purpose	optional
<graphic>	indicates the location of an inline graphic, illustration, or figure	optional
<milestone>	marks a boundary point separating any kind of section of a text	optional
<pb>	page break	optional
<lb>	line break	optional
<cb>	column break	optional
<bibl>	contains a loosely-structured bibliographic citation	optional
<title>	contains a title for any kind of work	optional

Note for conversion

map model.hiLike (<distinct>, <mentioned>, <soCalled>, <gloss>) →
<hi>

Table 3.3 shows the XML element <formula> of the module figures, which is included in the baseline encoding.

Table 3.3: Elements of the baseline encoding (modul figures)

Element	Function	Status
<formula>	groups elements representing or containing graphic information	optional

Table 4.2 shows the XML element <g> of the module `gaiji`, which is included in the baseline encoding.

Table 3.4: Elements of the baseline encoding (modul `gaiji`)

Element	Function	Status
<g>	represents a non-standard character or glyph	optional

Table 3.5 shows the XML element <anchor> of the module `linking`, which is included in the baseline encoding.

Table 3.5: Elements of the baseline encoding (modul `linking`)

Element	Function	Status
<anchor>	attaches an identifier to a point within a text	optional

Table 4.6 shows the XML elements of the module `transcr`, which are included in the baseline encoding.

Table 3.6: Elements of the baseline encoding (modul `transcr`)

Element	Function	Status
<addSpan>	added span of text	optional
<delSpan>	deleted span of text	optional

3.1.2 XML attributes

Table 7.3 shows the attributes of the corresponding inline elements.

Table 3.7: XML attributes of inline elements in baseline encoding

Attribut	Function	Element
lemma	lemmatized word form (optional)	<w>
xml:lang	identifies the language of the word or phrase marked (optional)	<foreign>
url	a URL which refers to the image itself (required)	<graphic>
indexName	supplies one of the following values: <i>name, place, subject, citation, other</i> (required)	<index>
unit	describes the kind of section changing at this milestone with the values: <i>absent, act, book, canto, poem, scene, section, stanza</i> (optional)	<milestone>
place	supplies one of the following values: <i>above, below, bottom, end, inline, inspace, margin, opposite, overleaf, top</i> (optional)	<note>
resp	indicates who is responsible for the annotation (optional)	<note>
target	indicates the point of attachment for a note, or the beginning of the span to which the note is attached (optional)	<note>
type	supplies one of the following values: <i>annotation, gloss, citation, other</i> (optional)	<note>
target	specifies the destination of the reference by supplying one or more URI References (optional)	<ref>
type	supplies one of the following values: <i>person, figure, geographic-entity, organization, other</i> (required)	<rs>
target	identifier (optional)	<term>

Table 3.7 – Fortsetzung

Attribut	Function	Element
xml:lang	identifies the language of the word or phrase marked (optional)	<term>
notation	supplies the name of a previously defined notation used for the content of the element, possible values: <i>TeX</i> , <i>MathML</i> , <i>other</i> (required)	<formula>
ref	points to a description of the character or glyph intended (optional)	<g>
xml:id	identifier (required)	<anchor>
hand	signifies the hand of the agent which made the intervention (optional)	<addSpan>
spanTo	indicates the end of a span initiated by the element bearing this attribute (optional)	<addSpan>
hand	signifies the hand of the agent which made the intervention (optional)	<delSpan>
spanTo	indicates the end of a span initiated by the element bearing this attribute (optional)	<delSpan>

Chapter 4

The TEI header for texts in Baseline Encoding

Mirjam Blümm, Werner Wegstein

October 30th 2008

In order to manage the metadata of a text, TEI provides an electronic title page, the TEI header. It is prefixed to the text and both constitute the complete TEI document.

The TEI header for texts in Baseline Encoding contains elements of the modules `core`, `gaiji`, `header`, `msdescription`, `namesdates` and `transcr`. The header elements for encoding critical editions are not described at this point, though included in the Baseline Encoding Schema. Due to the complexity of critical apparatus, their encoding cannot be reduced to a Baseline Encoding. For a detailed description see the TEI guidelines chapter 12 "Critical Apparatus"¹.

¹<http://www.tei-c.org/release/doc/tei-p5-doc/en/html/TC.html>

4.1 Baseline elements of TEI P5

4.1.1 XML elements

Table 4.1 shows the XML elements of the module core, which are included in the Baseline Encoding.

Table 4.1: Elements of the Baseline Encoding (modul core)

Element	Function	Status
<p>	structures information, e.g. within <normalization>	required
<biblStruct>	contains a structured bibliographic citation	required
<monogr>	contains bibliographic elements describing an item (e.g. a book or journal) published as an independent item	required
<title>	contains a title for any kind of work	required
<author>	in a bibliographic reference, contains the name of the author(s), personal or corporate, of a work	optional
<editor>	secondary statement of responsibility for a bibliographic item, for example the name of an individual, institution or organization, (or of several such) acting as editor, compiler, translator, etc.	optional
<imprint>	groups information relating to the publication or distribution of a bibliographic item	required
<pubPlace>	contains the name of the place where a bibliographic item was published	optional
<publisher>	provides the name of the organization responsible for the publication or distribution of a bibliographic item	optional
<date>	contains a date in any format	optional
<note>	contains a note or annotation	optional

Table 4.2 shows the XML elements of the module gaiji, which are in-

cluded in the Baseline Encoding.

Table 4.2: Elements of the Baseline Encoding (modul gaiji)

Element	Function	Status
<charDecl>	provides information about non-standard characters and glyphs <glyph>	optional
<glyph>	references the attribute ref of the element <g>	optional

Table 4.3 shows the XML elements of the module header, which are included in the Baseline Encoding.

Table 4.3: Elements of the Baseline Encoding (module header)

Element	Function	Status
<teiHeader>	supplies the descriptive and declarative information making up an electronic title page prefixed to every TEI-conformant text	required
<fileDesc>	contains a full bibliographic description of an electronic file	required
<titleStmt>	groups information about the title of a work and those responsible for its intellectual content	required
<publicationStmt>	groups information concerning the publication or distribution of an electronic or other text	required
<authority>	supplies the name of a person or other agency responsible for making an electronic file available, other than a publisher or distributor	optional
<idno>	supplies any standard or non-standard number used to identify a bibliographic item (e. g. ISBN, ISSN)	optional
<availability>	supplies information about the availability of a text, for example any restrictions on its use or distribution, its copyright status, etc.	optional
<notesStmt>	collects together any notes providing information about a text additional to that recorded in other parts of the bibliographic description	optional
<sourceDesc>	supplies a description of the source text(s) from which an electronic text was derived or generated	required
<encodingDesc>	documents the relationship between an electronic text and the source or sources from which it was derived	required

Table 4.3 – continued

Element	Function	Status
<editorialDecl>	provides details of editorial principles and practices applied during the encoding of a text	required
<normalization>	indicates the extent of normalization or regularization of the original source carried out in converting it to electronic form	required
<profileDesc>	Container for the element <handNotes>	optional
<handNote>	references the attribute hand of the elements <addSpan> and <delSpan>	optional
<revisionDesc>	summarizes the revision history for a file	optional
<change>	summarizes a particular change or correction made to a particular version of an electronic text which is shared between several researchers	optional

Table 4.4 shows the XML elements of the module msdescription, which are included in the Baseline Encoding.

Table 4.4: Elements of the Baseline Encoding (module msdescription)

Element	Function	Status
<msDesc>	contains a description of a single identifiable manuscript	optional
<msIdentifier>	contains the information required to identify the manuscript being described, as <repository>	optional
<repository>	contains the name of a repository within which manuscripts are stored, possibly forming part of an institution	optional

Table 4.5 shows the XML elements of the module namesdates, which are included in the Baseline Encoding.

Table 4.5: Elements of the Baseline Encoding (modul names - dates)

Element	Function	Status
<settlement>	contains the name of a settlement such as a city, town, or village identified as a single geo-political or administrative unit	optional
<country>	contains the name of a geo-political unit, such as a nation, country, colony, or commonwealth, larger than or administratively superior to a region and smaller than a bloc	optional

Table 4.6 shows the XML element <handNotes> of the module transcr, which is included in the Baseline Encoding.

Table 4.6: Elements of the Baseline Encoding (modul transcr)

Element	Function	Status
<handNotes>	groups <handNote> elements	optional

4.1.2 XML attributes

The structure of the header is identical for every text in Baseline Encoding, the different kinds of text are differentiated by the value of the attribute type of the element <biblStruct>.

Table 7.3 lists the attributes of the header elements.

Table 4.7: XML attributes of header elements in Baseline Encoding

Attribut	Function	Element
type	indicates the kind of text	<biblStruct>
xml:lang	indicates the language of the element	<biblStruct>
type	subtitle	<title>
from	indicates the starting point of the period	<date>

Table 4.7 – continued

Attribut	Function	Element
to	indicates the ending point of the period	<date>
notBefore	specifies the earliest possible date for the event	<date>
notAfter	specifies the latest possible date for the event	<date>
period	supplies a pointer to some location defining a named period of time within which the datable item is understood to have occurred	<date>
when	supplies the value of the date or time	<date>
xml:id	provides a unique identifier for the element bearing the attribute	<glyph>
type	categorizes the number, for example as an ISBN or other standard series	<idno>
type	describes the type of note	<note>
xml:id	provides a unique identifier for the element bearing the attribute	<handNote>
who	indicates the person, or group of people, to whom the element content is ascribed	<change>

4.2 Example: Header for “Dictionaries”

```
<?xml version="1.0" encoding="UTF-8"?>
<?oxygen RINGSchema="file:/C:/coreencoding_header.rnc" type="compact"?>
<TEI xmlns="http://www.tei-c.org/ns/1.0" xml:lang="de">
  <teiHeader>
    <fileDesc>
      <titleStmnt>
        <title>Joachim Heinrich Campe, Wörterbuch der Deutschen Sprache, Band 1 mit TEI-Auszeichnung
        </title>
        <author>Kompetenzzentrum für EDV-Philologie, Universität Würzburg</author>
      </titleStmnt>
      <publicationStmnt>
        <availability>
          <p>für die Kodierungs- und Korrekturphase</p>
          <!-- die Festlegung der Nutzungslizenz erfolgt später -->
        </availability>
        <authority>Kompetenzzentrum für EDV-Philologie, Universität Würzburg</authority>
      </publicationStmnt>
      <sourceDesc>
        <biblStruct xml:lang="de" type="dictionary">
          <monogr>
            <author>Joachim Heinrich Campe</author>
            <title>Wörterbuch der Deutschen Sprache</title>
            <title type="sub">Veranstaltet und herausgegeben von Joachim Heinrich Campe.
              Erster Theil. A - bis - E. </title>
            <imprint>
              <pubPlace>Braunschweig</pubPlace>
              <publisher>In der Schulbuchhandlung.</publisher>
              <date when="1807">1807</date>
            </imprint>
          </monogr>
        </biblStruct>
      </sourceDesc>
    </fileDesc>
    <encodingDesc>
      <editorialDecl>
        <normalization>
          <p>Formaterfassung der Lemmazeile: die Lemmazeile (Stichwort ggf. mit Artikel und
            grammatischen Angaben) ist ausnahmslos in einem ca. 0,5 Punkt größeren Schriftfont
            gesetzt; dies wird nur hier notiert. Der negative Einzug (Linksaurückung) wird
            nicht kodiert. </p>
          <p>Typographische Besonderheiten: Alle übrigen typographischen Veränderungen sind mit dem
            Element "hi" kodiert.</p>
        </normalization>
      </editorialDecl>
    </encodingDesc>
    <revisionDesc>
      <change who="#MB">20060906 Erstkodierung</change>
      <change who="#CG">20061108 Anpassung des Schemas</change>
      <change who="#MB">20071030 Überarbeitung</change>
      <change who="#----">Textkontrolle</change>
      <change who="#----">Übernahme in Bandkodierung</change>
    </revisionDesc>
  </teiHeader>
  <text>
    <body>
      <div>
      </div>
    </body>
  </text>
</TEI>
```

Listing 4.1: Header for “Dictionaries”

4.3 Hierarchy

The TEI header for Baseline Encoding consists of the *file description*, the *encoding description* and optionally of the *profileDesc* and

/ or the *revision description*.

The *file description* contains the elements <titleStmt>, <publicationStmt>, <sourceDesc> and optionally <notesStmt>. The <sourceDesc> includes the element <biblStruct>, which itself contains the elements <monogr> and <idno>. The element <msDesc> with its subelement <msIdentifier> characterizes the text "letter".

The *encoding description* contains the <editorialDecl>, which itself includes the element <normalization>. Glyphs are referenced in the <charDecl> in the element <glyph>.

The *profile description* with the element <handNotes> documents the different hands identified within the source texts. Every hand is identified in an element <handNote> within <handNotes>

In the *revision description* changes are noted with the element <change>.

Chapter 5

Baseline Encoding for the compilation of letters in TEI P5

Stefan Bündenbender

June 24th 2009

This paper lists the XML elements and classes from TEI P5 which have been chosen for the baseline encoding of letters. As yet, there is no distinct TEI module for letters, a circumstance which has recently led to the formation of the ›special interest group correspondence‹. There are also various individual projects working on this subject, such as the ›Carl-Maria-von-Weber-Gesamtausgabe‹, from which the enclosed text samples are taken.

5.1 Baseline elements of TEI P5

The structure of a letter can be described to a large extent by general elements from the modules `core` and `textstructure`. Some points, however, remain open, or rather some positions which would ideally be represented by dedicated tags have to be marked by combinations of more generic elements and attributes. The following chapter lists the TEI elements (both for the main text and header) which are specific to the genre `>letter<`. General inline and header elements are subject of a separate documentation.

5.1.1 XML elements

Table 5.1 shows the XML elements of the module `core` which are included in the baseline encoding.

Table 5.1: Elements of the baseline encoding (modul `core`)

Element	Function	Status
<code><address></code>	groups the address lines	optional
<code><addrLine></code>	marks separate address lines within <code><address></code>	required
<code><biblStruct></code>	structures bibliographical data, marks the genre	required
<code><note></code>	marks related letters and incipits	optional
<code><p></code>	marks paragraphs	optional
<code><date></code>	contains a date	required
<code><rs></code>	marks the name of the author and the addressee	required
<code><rs></code>	contains placenames (location of sender and addressee)	optional

Table 5.2 shows the XML elements of the module `textstructure` which are included in the baseline encoding.

Table 5.2: Elements of the baseline encoding (modul `textstructure`)

Element	Function	Status
<code><body></code>	encloses the whole letter	required
<code><closer></code>	groups together salutations, datelines	optional

Table 5.2 – continued

Element	Function	Status
<dateline>	contains a brief description of the place, date, time	optional
<div>	groups, depending on the attribute, a single writing day of a letter (continuances over several days are possible) or its main part	required
<opener>	groups together dateline, byline, salutation	optional
<postscript>	contains a postscript	optional
<ref>	marks related letters	optional
<salute>	opening or closing salutation	optional
<signed>	contains a signature in the closing salutation	optional

Table 5.3 shows the element <idno> of the module header which is included in the baseline encoding.

Table 5.3: Elements of the baseline encoding (modul header)

Element	Function	Status
<idno>	standard or non-standard number used to identify a bibliographic item (z.B. ISBN, ISSN)	optional

Table 5.4 shows the XML elements of the module msdescription which are included in the baseline encoding.

Table 5.4: Elements of the baseline encoding (module msdescription)

Element	Function	Status
<msDesc>	contains a description of a single identifiable manuscript	required
<msIdentifier>	contains the information required to identify the manuscript being described	optional
<repository>	contains the name of a repository within which manuscripts are stored	optional

Table 5.5 shows the XML elements of the module namesdates which are

included in the baseline encoding.

Table 5.5: Elements of the baseline encoding (module namesdates)

Element	Function	Status
<settlement>	contains the name of a settlement	optional
<country>	contains the name of a geo-political unit	optional

Unspecific, but relevant for research

Names: general names of places and persons are not constitutive for the genre, yet they will be of interest for researchers. The use of the corresponding elements is administered independently of the genre within the general baseline-encoding scheme. (The same applies to aspects of tradition, physical description etc.)

Metadata

The status of metadata is noteworthy as it can be based on different sources. Metadata can be added by the editor (without being part of the original text). It can, however, as well be written on the envelope or in the letter itself and thus be fully or partly encoded with the text. Relevant information for the research is: Sender and addressee with the correspondent place names, related letters, writing date and repository.

Strategies for the management of metadata

- Storage and administration outside of the document (within the TextGrid object metadata)
- Encoding within the actual text of the letter (the set will often be incomplete)
- In the TEI Header

TextGrid will use a combination of these methods and keep them interoperable.

5.1.2 XML attributes

Table 7.3 shows the attributes required by the elements listed above.

Table 5.6: XML attributes required by elements of the base-line encoding

Attribut	Value	Function	Element
type	letterMain	for want of a dedicated element: marks the main part of a letter	<div>
from	according to TEI P5	beginning of the date range for a letter which has been written over several days	<date>
n	envelope	position of the address	<address>
n	previous/following	marks the position of related letters	<ref>
n	sender/addressee	specifies given names of persons and places	<rs>
to	according to TEI P5	end of date range for a letter which has been written over several days	<date>
type	incipit/context	marks incipit/related letters	<note>
type	geographic-entity/person	diffentiates between personal and geographical names	<rs>
when	according to TEI P5	date of the letter or part of the letter	<date>
xml:id	according to TEI P5	ID of the letter as a whole	<body>

5.1.3 Example (from the Carl-Maria-von-Weber-Gesamtausgabe)

Letter to Caroline Brandt, 15.09.1817, original encoding

```
<?xml version="1.0" encoding="UTF-8"?>
<TEI xml:id="WeGA.Weber_1817-09-15_02">
  <!--Achtung: Die Datei entspricht in der Auszeichnung noch der 2. revidierten Fassung
    der für Mainz vorgelegten Richtlinien nach TEI-P5 -->
  <!--Achtung: Die Datei hat noch so gut wie keine den Briefinhalt erläuternden notes!!;
    ausgezeichnet wurden vornehmlich der graphische Befund sowie Personennamen, Ortsangaben usw.-->
  <teiHeader>
    <fileDesc>
      <titleStmnt>
        <title type="series">WeGA, Briefe, Digitale Edition</title>
        <title type="item">1817-09-15/2. Carl Maria von Weber an Caroline Brandt in Prag<lb/>Dresden,
          Montag, 15. September 1817 Abends (Nr. 91)</title>
        <author>Weber, Carl Maria von</author>
        <editor>Veit, Joachim</editor>
        <funder>
          <name>Carl-Maria-von-Weber-Gesamtausgabe</name>
          <address>
            <street>Gartenstrasse 20</street>
            <postCode>32756</postCode>
            <placeName>
              <settlement>Detmold</settlement>
              <country>Germany</country>
            </placeName>
          </address>
        </funder>
      </titleStmnt>
      <editionStmnt>
        <edition>WeGA digital</edition>
        <respStmnt>
          <resp>Übertragung</resp>
          <name>Eveline Bartlitz</name>
          <name>Joachim Veit</name>
        </respStmnt>
      </editionStmnt>
      <extent>less than 100 KB</extent>
      <publicationStmnt>
        <publisher>WeGA elektronisch</publisher>
        <idno type="WeGA">Letters_WeberCMv_1817-09-15_02_Brandt</idno>
        <!-- Mainz: für die gesamte Edition könnte eine ISBN-ID angefordert werden,
          so dass der Bezug eindeutig wird -->
      </publicationStmnt>
      <seriesStmnt>
        <title>Machine-Readable Transcriptions of Texts from the Carl Maria von Weber Complete
          Edition (WeGA)</title>
      </seriesStmnt>
      <notesStmnt>
        <note type="summary"/>
        <note type="context">Vorausgegangen: Brief Nr. 90: 1817-09-15_01; Fortsetzung mit Nr. 92:
          1817-09-19</note>
      </notesStmnt>
      <sourceDesc>
        <!-- Achtung hier ist bereits gegenüber der ursprünglichen Vorlage geändert: Die
          ursprünglich einmal zusammengehörige Quelle wird als Einheit betrachtet und die
          einzeln überlieferten Teile sind jeweils als Manuskript gezählt, nicht wie vorher die
          Quelle! -->
        <!-- Der andere erläuterte Fall: Ein Brief , der sich aus Autograph-, Entwurfs- und
          Veröffentlichungsfragmenten zusammensetzt, wäre dagegen mit gezählten sourceDesc
          anzugeben -->
      <msDesc>
        <msIdentifier>
          <country>D</country>
          <settlement>Berlin</settlement>
          <repository>Staatsbibliothek zu Berlin Preußischer Kulturbesitz,
            Musikabteilung</repository>
          <idno>Weberiana Cl. II A a 2, Nr. 23</idno>
        </msIdentifier>
        <head>
          <persName type="sender">Weber, Carl Maria von</persName>
```

```

        <placeName type="sender">Dresden</placeName>
        <date type="letter" when="1817-09-15">15. September 1817, abends</date>
        <note>
          <bibl><!--Mainz: hierhin eventuell ED versetzen --></bibl>
65      </note>
        <persName type="addressee">Weber, Caroline</persName>
        <placeName type="addressee">Prag</placeName>
        <note type="incipit">Was kann mir wohl heiliger sein</note>
      </head>
70    <physDesc>
      <p>1 Bl. (2 b. S. einschl. Adr.)</p>
      </physDesc>
      <history>
75    <provenance>
      <p>gelangte 1956 mit dem Familiennachlaß als Dauerleihgabe in die Bibliothek,
          1986 in Schenkung umgewandelt</p>
      </provenance>
      </history>
      <additional>
80    <listBibl>
      <!-- Mainz: ED-Angaben besser in einen anderen notes-Bereich ??-->
      <bibl n="firstPrint">Anonym: "Unveröffentlichte Briefe Carl Maria von Webers", in
          : <hi rend="italics">Blätter der Staatsoper</hi>, Jg. 3, Heft 1 (Oktober
          1922), S. 7 (nur Teil vom 15.9. abends)</bibl>
      <bibl n="reprints"/>
      </listBibl>
85    </additional>
      </msDesc>
      </sourceDesc>
    </fileDesc>
    <encodingDesc>
90    <projectDesc>
      <p>Carl-Maria-von-Weber-Gesamtausgabe, Sämtliche Briefe</p>
    </projectDesc>
    <editorialDecl>
      <p>Übertragung folgt den ER der WeGA; später hier Verweis auf im Netz publizierte Richtlinien
      </p>
95    </editorialDecl>
    </encodingDesc>
    <profileDesc>
      <!-- Inhalt von profile noch einmal prüfen! -->
      <textClass>
100    <keywords scheme="xy">
      <list>
        <item>letter</item>
        <item>simple</item>
        <item>
105    <date when="1817-09-15">15. September 1817, abends</date>
        </item>
        <item n="attributes">e.Br.m.U.</item>
        <item n="WeGA.archive">A - V Ü</item>
      </list>
110    </keywords>
      </textClass>
      <langUsage>
        <language ident="de-DE">German</language>
      </langUsage>
115    </profileDesc>
    <revisionDesc>
      <change when="2007-10-28" who="Jv">erstmalig eingerichtet</change>
    </revisionDesc>
  </teiHeader>
120 <text type="letter">
  <front/>
  <body>
    <div type="address">
      <!-- Mainz: Die Adresse wird als Bestandteil des Briefes aufgefaßt und als eigenes div an den
          Beginn
125    des Briefes versetzt, vor den eigentlichen opener ;-->
      <p>
        <address>
          <addrLine>An <hi rend="latintype">Mademoiselle</hi></addrLine>
          <addrLine>

```

130 <hi rend="underline" n="1">
 <hi rend="latintype">
 <persName key="fffi-person_213"><reg>Brandt, Caroline</reg>Carolina
 Brandt</persName>
 </hi>.
 </hi></addrLine>
135 <addrLine>Dermalen Mitglied des </addrLine>
 <addrLine>Ständischen Theaters</addrLine>
 <addrLine>zu</addrLine>
 <addrLine>
 <hi rend="underline" n="1">
140 <hi rend="latintype">Prag</hi>.</hi></addrLine>
 <addrLine>Kohlmarkt 514.</addrLine>
 <addrLine>2<hi rend="sup">t</hi> Stok.</addrLine>
 </address>
 </p>
145 </div>
 <div type="writingDate" n="1">
 <docDate>1817-01-01</docDate>
 <opener>
150 <dateline><num rend="inline right"><hi rend="latintype">No:</hi> 91</num>
 <!--neu: Webers Numerierung der Briefe--> d: 15<hi rend="sup">t</hi> 7 <hi
 rend="sup">br</hi> 1817. </dateline>
 <dateline>Abends.</dateline>
 <salute>Meine vielgeliebte Braut und baldiges treues Weib!</salute>
 </opener>
155 <p n="1">Was kann mir wohl heiliger sein, als die schöne Pflicht dir im Augenblicke des
 Empfangs einer frohen Nachricht, sie auch sogleich mitzutheilen. ich komme eben nach
 Hause und finde das <hi rend="latintype">Decret</hi> unseres Gnädigsten <rs type="
 person" key="fffi-person_537"><reg>Friedrich August I., König von Sachsen</reg>Königs</
 rs>, das meine <hi rend="underline" n="1">Lebenslängliche</hi> Anstellung ausspricht
 und somit unsre Zukunft sichert. der gute Graf <hi rend="latintype"><persName key="fffi
 -person_2020"><reg>Vitzthum von Eckstädt, Heinrich Carl Wilhelm Graf</reg>Vitzthum</
 persName></hi> hatte es <hi rend="underline" n="1">selbst</hi> gebracht, und mich
 leider nicht zu Hause gefunden. ich trete in gleiche Verhältnisse mit allen je
 bestandenen KapellMster: behalte speziell die Direktion der deutschen Oper, bin von dem
 einmonatlichen Gehalts Abzug zur Prämien Maße befreit, und bekomme zur Bestreitung der
 Abzüge an das Armenhaus und anderer Sporteln, eine Gratifikation von 200 rh: ? <space
 extent="5letters"/>Obwohl ich an allem diesen kaum Zweifelnd konnte, so hat doch die
 Gewißheit meine Seele mit Freude erfüllt, und ich möchte in inniger Glut zu dir fliegen
 können um an deinem theilnehmenden Herzen doppelt diese schöne Gewißheit zu genießen.
 du kannst es kaum wissen wie ganz anders sich das Gefühl eines Mannes wendet der für die
 Existenz und das Wohl eines geliebten Wesens zu sorgen hat, und welche bange
 Ängstlichkeit zuweilen ihm die Sorgfalt einflößt, wo er früher mit kekem lachenden
 Muthe allein mit Lust dem Schicksal die freye Stirn bot, desto süßer, fester und
 rührender aber ist <hi rend="underline" n="1">die</hi> Freude die ihm eine Nachricht
 der Art giebt, die unmittelbar das Leben seiner Liebe betrifft. <space extent="5letters
 "/>Mit voller Lust sehe ich nun erst das hanthieren der Leute um mich her, denn es wird
 stehen bleiben, was ich jezt hinsetze ? o du mein liebes Leben, könnt ich dich doch
 einen Augenblick an meine Brust drücken, welche herrliche lange nicht <hi rend="

 underline" n="1">so</hi> gefühlte Freude durchströmt mich. ich muß noch ein bißel ins
 Freye und ein paar theilnehmende Freunde aufsuchen. </p>
 </closer>
 <salute rend="inline">Gott segne dich + + + bald! bald! trennt uns kein Raum mehr. </
 salute>
 <signed>dein <hi rend="latintype">Carl</hi>.</signed>
 </closer>
160 </div>
 <div type="writingDate">
 <opener>
 <dateline rend="left">d: 16<hi rend="sup">t</hi> früh.</dateline>
 </opener>
165 <p n="1">In aller Eile komm ich noch, dir einen guten Morgen zu sagen, wie hast du geschlafen
 ? ich sehr gut. aber vor 6 Uhr war ich schon wieder auf, und räumte wieder 2 Zimmer aus
 wo der Boden gelegt wird. drum kann ich kaum den Brief schließen, trotz seiner Kürze
 hoffe ich aber daß er dir Freude machen soll. <hi rend="latintype">ade</hi> ich gehe in
 die Probe. </p>
 </closer>
 <salute rend="left">Grüße Alle bestens</salute>
 <salute rend="inline">Ewig dein dich über alles liebender treuer </salute>
 <signed rend="inline"><hi rend="latintype">Carl</hi>.</signed>
170 <salute>Millionen Bußen.</salute>
 </closer>
 </div>

```
175      </body>
      <back>
        <!--sollte für Briefanhänge, Beilagen usw. reserviert sein, hier noch nicht verwendet -->
        <!-- In vielen Fällen auch für die notes, die mit Anker im Text vermerkt sind, genutzt - ev. in
            eigenem div?? -->
      </back>
    </text>
  </TEI>
```

Listing 5.1: Brief an Caroline Brandt, 15.09.1817 in Originalkodierung

Letter to Caroline Brandt, 15.09.1817, baseline-encoding

```
1 <?xml version="1.0" encoding="UTF-8"?>
  <?oxygen RNGSchema="TextGrid_baseline.rnc" type="xml"?>
  <TEI xmlns="http://www.tei-c.org/ns/1.0">
    <teiHeader>
      <fileDesc>
        <titleStmt>
          <title/>
        </titleStmt>
        <publicationStmt>
          <p/>
11      </publicationStmt>
        <sourceDesc>
          <biblStruct type="letter">
            <monogr>
              <imprint><date/></imprint>
16            </monogr>
          </biblStruct>
          <msDesc>
            <msIdentifier>
              <country>D</country>
21              <settlement>Berlin</settlement>
              <repository>Staatsbibliothek zu Berlin Preußischer Kulturbesitz,
                Musikabteilung</repository>
              <idno>Weberiana Cl. II A a 2, Nr. 23</idno>
            </msIdentifier>
26            <p>
              <rs type="person" n="sender">Weber, Carl Maria von</rs>
              <rs type="geographic-entity" n="sender">Dresden</rs><!-- Schreibort; gewöhnlich im
                Brief angegeben. Ort der Ausstellung (Poststempel) kann abweichen. -->
              <date when="1817-09-15">15. September 1817, abends</date>
              <!-- Datum des ersten Schreibtags (Zitierform) -->
31              <date from="1817-09-15" to="1817-09-16"/>
              <!-- Für die Recherche -->
              <rs type="person" n="addressee"> Weber, Caroline</rs>
              <rs type="geographic-entity" n="addressee">Prag</rs>
              <note type="incipit">Was kann mir wohl heiliger sein</note>
36              <note type="context">Vorausgegangen: <ref n="previous" target="#no90">Brief Nr. 90:
                1817-09-15_01;</ref> Fortsetzung mit <ref n="following" target="#no90">Nr. 92:
                1817-09-19</ref></note>
            </p>
          </msDesc>
        </sourceDesc>
      </fileDesc>
    </teiHeader>
    <text>
      <body xml:id="no91">
        <div>
          <!-- Markiert den Schreibtag. Von einer Datierung mittels <docdate> wurde Abstand genommen,
            da dieses für die Gesamtheit eines Dokuments gilt. Die Datierung erfolgt statt dessen
            innerhalb des jeweiligen <opener> über <date when=""/> -->
46          <opener>
            <!-- Die Adresse wird in jedem Fall als Briefbestandteil aufgefasst und den <opener>
              integriert; falls sie dem Umschlag entnommen ist, wird das für die Darstellung
              durch ein Attribut gekennzeichnet -->
            <address n="envelope">
              <addrLine>An Mademoiselle</addrLine>
              <addrLine>Brandt, CarolineCarolina Brandt</addrLine>
51              <addrLine>Dermalen Mitglied des </addrLine>
              <addrLine>Ständischen Theaters</addrLine>
              <addrLine>zu</addrLine>
              <addrLine>Prag.</addrLine>
              <addrLine>Kohlmarkt 514.</addrLine>
56              <addrLine>2t Stok.</addrLine>
            </address>
            <dateline>No: 91</dateline>
            <!-- steht in normalisierter Form in der xml:id des bodys -->
            <dateline><date when="1817-09-15"/>d: 15</dateline>
61            <dateline>7 br 1817.</dateline>
            <dateline>Abends. </dateline>
            <salute>Meine vielgeliebte Braut und baldiges treues Weib!</salute>
          </opener>
        </div>
      </body>
    </text>
  </TEI>
```



```

66      <div type="letterMain">
        <!-- Eine spezifische Bezeichnung für den Hauptteil eines Briefes gibt es in P5 leider
            nicht. -->
        <p>Was kann mir wohl heiliger sein, als die schöne Pflicht dir im Augenblicke des
            Empfangs einer frohen Nachricht, sie auch sogleich mitzutheilen. ich komme eben
            nach Hause und finde das Decret unseres Gnädigsten Friedrich August I., König von
            SachsenKönigs, das meine Lebenslängliche Anstellung ausspricht und somit unsre
            Zukunft sichert. der gute Graf Vitzthum von Eckstädt, Heinrich Carl Wilhelm
            GrafVitzthum hatte es selbst gebracht, und mich leider nicht zu Hause gefunden. ich
            trete in gleiche Verhältnisse mit allen je bestandenen KapellMster: behalte speziell
            die Direktion der deutschen Oper, bin von dem einmonatlichen Gehalts Abzug zur
            Prämien Maße befreit, und bekomme zur Bestreitung der Abzüge an das Armenhaus und
            anderer Sporteln, eine Gratifikation von 200 rh: ? Obwohl ich an allem diesen kaum
            Zweifeln konnte, so hat doch die Gewißheit meine Seele mit Freude erfüllt, und ich
            möchte in inniger Glut zu dir fliegen können um an deinem theilnehmenden Herzen
            doppelt diese schöne Gewißheit zu genießen. du kannst es kaum wissen wie ganz anders
            sich das Gefühl eines Mannes wendet der für die Existenz und das Wohl eines
            geliebten Wesens zu sorgen hat, und welche bange Ängstlichkeit zuweilen ihm die
            Sorgfalt einflößt, wo er früher mit kekem lachenden Muthe allein mit Lust dem
            Schicksal die freye Stirn bot, desto süßer, fester und rührender aber ist die Freude
            die ihm eine Nachricht der Art giebt, die unmittelbar das Leben seiner Liebe
            betrifft. Mit voller Lust sehe ich nun erst das hanthieren der Leute um mich her,
            denn es wird stehen bleiben, was ich jetzt hinsetze ? o du mein liebes Leben, könnt
            ich dich doch einen Augenblick an meine Brust drücken, welche herrliche lange nicht
            so gefühlte Freude durchströmt mich. ich muß noch ein bißel ins Freye und ein paar
            theilnehmende Freunde aufsuchen. </p>
        </div>
        <closer>
        <salute>Gott segne dich + + + bald! bald! trennt uns kein Raum mehr. </salute>
71      <signed>dein Carl.</signed>
        </closer>
    </div>
    <div>
        <opener>
76      <dateline><date when="1817-09-16"/>d: 16t fr1/4h.</dateline>
        </opener>
        <div type="letterMain">
            <p>In aller Eile komm ich noch, dir einen guten Morgen zu sagen, wie hast du geschlafen?
                ich sehr gut. aber vor 6 Uhr war ich schon wieder auf, und räumte wieder 2 Zimmer
                aus wo der Boden gelegt wird. drum kann ich kaum den Brief schließen, trotz seiner
                Kürze hoffe ich aber daß er dir Freude machen soll. ade ich gehe in die Probe.</p>
            </div>
81      <closer>
            <salute>Grüße Alle bestens</salute>
            <salute>Ewig dein dich über alles liebender treuer </salute>
            <signed>Carl.</signed>
            <salute> Millionen Bußen.</salute>
86      </closer>
        </div>
    </body>
</text>
</TEI>

```

Listing 5.2: Letter to Caroline Brandt, 15.09.1817, baseline-encoding

5.2 Hierarchy

A letter as a whole is (for lack of a specific tag) marked by the `<body>` element and referenced by an `xml:id` which goes with it.

If letters have been written over several days, possibly including several instances of salutation and date, the individual days are marked by the element `<div>`.

This division contains the macro-elements `<opener>`, `<closer>`, `<postscript>` and - lacking a specific tag again - `<div type="letterMain" >`.

`<opener>` groups address, dateline and salutation, `<closer>` may also contain the address and/or dateline (the position of these elements within the letter may vary), as well as the closing salutation and signature. The address is enclosed by `<address>`, single lines within this block are marked by `<addrLine>`. Lines which make up the date are marked by `<dateLine>`. Parts of the address which are taken from the envelope are marked by the attribute `n="envelope"`.

Within the opener and closer, the lines which compose the salutation are marked line by line by `<salute>`; the signature by `<signed>`. To keep the encoding compatible, no restrictions beyond those imposed by TEI P5 itself were introduced. Within the `<text>` part, only `<body>` and `<div>` with its attributes are needed, if `<address>` is used, it must contain at least one `<addrLine>`.

5.3 Description of the schema

```
<?xml version="1.0"?>
<TEI xmlns="http://www.tei-c.org/ns/1.0" xml:lang="en">
  <teiHeader>
    <fileDesc>
      <titleStmt>
        <title>My TEI Extension</title>
        <author>generated by Roma 3.4</author>
      </titleStmt>
      <publicationStmt>
        <p>for use by whoever wants it</p>
      </publicationStmt>
      <sourceDesc>
        <p>created on Thursday 23rd October 2008 11:21:03 AM by the form at http://www.tei-c.org.uk/Roma/</p>
      </sourceDesc>
    </fileDesc>
  </teiHeader>
  <text>
    <front>
      <divGen type="toc"/>
    </front>
    <body>
      <p>My TEI Customization&#xD;
      starts with modules tei, core, header, and textstructure</p>
      <schemaSpec ident="baseline_letter_roma2" docLang="en" xml:lang="en" prefix="" targetLang="en">
        <moduleRef key="core"/>
        <moduleRef key="tei"/>
        <moduleRef key="header"/>
        <moduleRef key="textstructure"/>
        <elementSpec module="core" ident="abbr" mode="delete"/>
        <elementSpec module="core" ident="add" mode="delete"/>
        <elementSpec module="core" ident="analytic" mode="delete"/>
        <elementSpec module="core" ident="author" mode="delete"/>
        <elementSpec module="core" ident="bibl" mode="delete"/>
        <elementSpec module="core" ident="biblScope" mode="delete"/>
        <elementSpec module="core" ident="biblStruct" mode="delete"/>
        <elementSpec module="core" ident="binaryObject" mode="delete"/>
        <elementSpec module="core" ident="cb" mode="delete"/>
        <elementSpec module="core" ident="choice" mode="delete"/>
        <elementSpec module="core" ident="cit" mode="delete"/>
        <elementSpec module="core" ident="corr" mode="delete"/>
        <elementSpec module="core" ident="del" mode="delete"/>
        <elementSpec module="core" ident="desc" mode="delete"/>
        <elementSpec module="core" ident="distinct" mode="delete"/>
        <elementSpec module="core" ident="divGen" mode="delete"/>
        <elementSpec module="core" ident="editor" mode="delete"/>
        <elementSpec module="core" ident="email" mode="delete"/>
        <elementSpec module="core" ident="emph" mode="delete"/>
        <elementSpec module="core" ident="expan" mode="delete"/>
        <elementSpec module="core" ident="foreign" mode="delete"/>
        <elementSpec module="core" ident="gap" mode="delete"/>
        <elementSpec module="core" ident="gloss" mode="delete"/>
        <elementSpec module="core" ident="graphic" mode="delete"/>
        <elementSpec module="core" ident="head" mode="delete"/>
        <elementSpec module="core" ident="headItem" mode="delete"/>
        <elementSpec module="core" ident="headLabel" mode="delete"/>
        <elementSpec module="core" ident="hi" mode="delete"/>
        <elementSpec module="core" ident="imprint" mode="delete"/>
        <elementSpec module="core" ident="index" mode="delete"/>
        <elementSpec module="core" ident="item" mode="delete"/>
        <elementSpec module="core" ident="l" mode="delete"/>
        <elementSpec module="core" ident="label" mode="delete"/>
        <elementSpec module="core" ident="lb" mode="delete"/>
        <elementSpec module="core" ident="lg" mode="delete"/>
        <elementSpec module="core" ident="list" mode="delete"/>
        <elementSpec module="core" ident="listBibl" mode="delete"/>
        <elementSpec module="core" ident="measure" mode="delete"/>
        <elementSpec module="core" ident="measureGrp" mode="delete"/>
        <elementSpec module="core" ident="meeting" mode="delete"/>
        <elementSpec module="core" ident="mentioned" mode="delete"/>
        <elementSpec module="core" ident="milestone" mode="delete"/>
        <elementSpec module="core" ident="monogr" mode="delete"/>
      </schemaSpec>
    </body>
  </text>
</TEI>
```

```

<elementSpec module="core" ident="name" mode="delete"/>
<elementSpec module="core" ident="num" mode="delete"/>
<elementSpec module="core" ident="orig" mode="delete"/>
75 <elementSpec module="core" ident="pb" mode="delete"/>
<elementSpec module="core" ident="postBox" mode="delete"/>
<elementSpec module="core" ident="postCode" mode="delete"/>
<elementSpec module="core" ident="ptr" mode="delete"/>
<elementSpec module="core" ident="pubPlace" mode="delete"/>
80 <elementSpec module="core" ident="publisher" mode="delete"/>
<elementSpec module="core" ident="q" mode="delete"/>
<elementSpec module="core" ident="quote" mode="delete"/>
<elementSpec module="core" ident="reg" mode="delete"/>
<elementSpec module="core" ident="relatedItem" mode="delete"/>
85 <elementSpec module="core" ident="resp" mode="delete"/>
<elementSpec module="core" ident="respStmt" mode="delete"/>
<elementSpec module="core" ident="said" mode="delete"/>
<elementSpec module="core" ident="series" mode="delete"/>
<elementSpec module="core" ident="sic" mode="delete"/>
90 <elementSpec module="core" ident="soCalled" mode="delete"/>
<elementSpec module="core" ident="sp" mode="delete"/>
<elementSpec module="core" ident="speaker" mode="delete"/>
<elementSpec module="core" ident="stage" mode="delete"/>
<elementSpec module="core" ident="street" mode="delete"/>
95 <elementSpec module="core" ident="teiCorpus" mode="delete"/>
<elementSpec module="core" ident="term" mode="delete"/>
<elementSpec module="core" ident="time" mode="delete"/>
<elementSpec module="core" ident="unclear" mode="delete"/>
<elementSpec module="header" ident="appInfo" mode="delete"/>
100 <elementSpec module="header" ident="application" mode="delete"/>
<elementSpec module="header" ident="authority" mode="delete"/>
<elementSpec module="header" ident="availability" mode="delete"/>
<elementSpec module="header" ident="biblFull" mode="delete"/>
<elementSpec module="header" ident="cRefPattern" mode="delete"/>
105 <elementSpec module="header" ident="catDesc" mode="delete"/>
<elementSpec module="header" ident="catRef" mode="delete"/>
<elementSpec module="header" ident="category" mode="delete"/>
<elementSpec module="header" ident="change" mode="delete"/>
<elementSpec module="header" ident="classCode" mode="delete"/>
110 <elementSpec module="header" ident="classDecl" mode="delete"/>
<elementSpec module="header" ident="correction" mode="delete"/>
<elementSpec module="header" ident="creation" mode="delete"/>
<elementSpec module="header" ident="distributor" mode="delete"/>
<elementSpec module="header" ident="edition" mode="delete"/>
115 <elementSpec module="header" ident="editionStmt" mode="delete"/>
<elementSpec module="header" ident="editorialDecl" mode="delete"/>
<elementSpec module="header" ident="encodingDesc" mode="delete"/>
<elementSpec module="header" ident="extent" mode="delete"/>
<elementSpec module="header" ident="funder" mode="delete"/>
120 <elementSpec module="header" ident="geoDecl" mode="delete"/>
<elementSpec module="header" ident="handNote" mode="delete"/>
<elementSpec module="header" ident="hyphenation" mode="delete"/>
<elementSpec module="header" ident="interpretation" mode="delete"/>
<elementSpec module="header" ident="keywords" mode="delete"/>
125 <elementSpec module="header" ident="langUsage" mode="delete"/>
<elementSpec module="header" ident="language" mode="delete"/>
<elementSpec module="header" ident="namespace" mode="delete"/>
<elementSpec module="header" ident="normalization" mode="delete"/>
<elementSpec module="header" ident="notesStmt" mode="delete"/>
130 <elementSpec module="header" ident="principal" mode="delete"/>
<elementSpec module="header" ident="profileDesc" mode="delete"/>
<elementSpec module="header" ident="projectDesc" mode="delete"/>
<elementSpec module="header" ident="quotation" mode="delete"/>
<elementSpec module="header" ident="refState" mode="delete"/>
135 <elementSpec module="header" ident="refsDecl" mode="delete"/>
<elementSpec module="header" ident="rendition" mode="delete"/>
<elementSpec module="header" ident="revisionDesc" mode="delete"/>
<elementSpec module="header" ident="samplingDecl" mode="delete"/>
<elementSpec module="header" ident="segmentation" mode="delete"/>
140 <elementSpec module="header" ident="seriesStmt" mode="delete"/>
<elementSpec module="header" ident="sponsor" mode="delete"/>
<elementSpec module="header" ident="stdVals" mode="delete"/>
<elementSpec module="header" ident="tagUsage" mode="delete"/>
<elementSpec module="header" ident="tagsDecl" mode="delete"/>
145 <elementSpec module="header" ident="taxonomy" mode="delete"/>

```

```

<elementSpec module="header" ident="textClass" mode="delete"/>
<elementSpec module="textstructure" ident="argument" mode="delete"/>
<elementSpec module="textstructure" ident="back" mode="delete"/>
<elementSpec module="textstructure" ident="byline" mode="delete"/>
150 <elementSpec module="textstructure" ident="div1" mode="delete"/>
<elementSpec module="textstructure" ident="div2" mode="delete"/>
<elementSpec module="textstructure" ident="div3" mode="delete"/>
<elementSpec module="textstructure" ident="div4" mode="delete"/>
<elementSpec module="textstructure" ident="div5" mode="delete"/>
155 <elementSpec module="textstructure" ident="div6" mode="delete"/>
<elementSpec module="textstructure" ident="div7" mode="delete"/>
<elementSpec module="textstructure" ident="docAuthor" mode="delete"/>
<elementSpec module="textstructure" ident="docEdition" mode="delete"/>
<elementSpec module="textstructure" ident="docImprint" mode="delete"/>
160 <elementSpec module="textstructure" ident="docTitle" mode="delete"/>
<elementSpec module="textstructure" ident="epigraph" mode="delete"/>
<elementSpec module="textstructure" ident="floatingText" mode="delete"/>
<elementSpec module="textstructure" ident="front" mode="delete"/>
<elementSpec module="textstructure" ident="group" mode="delete"/>
165 <elementSpec module="textstructure" ident="imprimatur" mode="delete"/>
<elementSpec module="textstructure" ident="titlePage" mode="delete"/>
<elementSpec module="textstructure" ident="titlePart" mode="delete"/>
<elementSpec module="textstructure" ident="trailer" mode="delete"/>
<moduleRef key="msdescription"/>
170 <elementSpec module="msdescription" ident="accMat" mode="delete"/>
<elementSpec module="msdescription" ident="acquisition" mode="delete"/>
<elementSpec module="msdescription" ident="additional" mode="delete"/>
<elementSpec module="msdescription" ident="additions" mode="delete"/>
<elementSpec module="msdescription" ident="adminInfo" mode="delete"/>
175 <elementSpec module="msdescription" ident="altIdentifier" mode="delete"/>
<elementSpec module="msdescription" ident="binding" mode="delete"/>
<elementSpec module="msdescription" ident="bindingDesc" mode="delete"/>
<elementSpec module="msdescription" ident="catchwords" mode="delete"/>
<elementSpec module="msdescription" ident="collation" mode="delete"/>
180 <elementSpec module="msdescription" ident="collection" mode="delete"/>
<elementSpec module="msdescription" ident="colophon" mode="delete"/>
<elementSpec module="msdescription" ident="condition" mode="delete"/>
<elementSpec module="msdescription" ident="custEvent" mode="delete"/>
<elementSpec module="msdescription" ident="custodialHist" mode="delete"/>
185 <elementSpec module="msdescription" ident="decoDesc" mode="delete"/>
<elementSpec module="msdescription" ident="decoNote" mode="delete"/>
<elementSpec module="msdescription" ident="depth" mode="delete"/>
<elementSpec module="msdescription" ident="dimensions" mode="delete"/>
<elementSpec module="msdescription" ident="explicit" mode="delete"/>
190 <elementSpec module="msdescription" ident="filiation" mode="delete"/>
<elementSpec module="msdescription" ident="finalRubric" mode="delete"/>
<elementSpec module="msdescription" ident="foliation" mode="delete"/>
<elementSpec module="msdescription" ident="handDesc" mode="delete"/>
<elementSpec module="msdescription" ident="height" mode="delete"/>
195 <elementSpec module="msdescription" ident="heraldry" mode="delete"/>
<elementSpec module="msdescription" ident="history" mode="delete"/>
<elementSpec module="msdescription" ident="incipit" mode="delete"/>
<elementSpec module="msdescription" ident="institution" mode="delete"/>
<elementSpec module="msdescription" ident="layout" mode="delete"/>
200 <elementSpec module="msdescription" ident="layoutDesc" mode="delete"/>
<elementSpec module="msdescription" ident="locus" mode="delete"/>
<elementSpec module="msdescription" ident="material" mode="delete"/>
<elementSpec module="msdescription" ident="msContents" mode="delete"/>
<elementSpec module="msdescription" ident="msItem" mode="delete"/>
205 <elementSpec module="msdescription" ident="msItemStruct" mode="delete"/>
<elementSpec module="msdescription" ident="msName" mode="delete"/>
<elementSpec module="msdescription" ident="msPart" mode="delete"/>
<elementSpec module="msdescription" ident="musicNotation" mode="delete"/>
<elementSpec module="msdescription" ident="objectDesc" mode="delete"/>
210 <elementSpec module="msdescription" ident="origDate" mode="delete"/>
<elementSpec module="msdescription" ident="origPlace" mode="delete"/>
<elementSpec module="msdescription" ident="origin" mode="delete"/>
<elementSpec module="msdescription" ident="physDesc" mode="delete"/>
<elementSpec module="msdescription" ident="provenance" mode="delete"/>
215 <elementSpec module="msdescription" ident="recordHist" mode="delete"/>
<elementSpec module="msdescription" ident="rubric" mode="delete"/>
<elementSpec module="msdescription" ident="seal" mode="delete"/>
<elementSpec module="msdescription" ident="sealDesc" mode="delete"/>
<elementSpec module="msdescription" ident="secFol" mode="delete"/>

```

```

220 <elementSpec module="msdescription" ident="signatures" mode="delete"/>
<elementSpec module="msdescription" ident="source" mode="delete"/>
<elementSpec module="msdescription" ident="stamp" mode="delete"/>
<elementSpec module="msdescription" ident="summary" mode="delete"/>
<elementSpec module="msdescription" ident="support" mode="delete"/>
225 <elementSpec module="msdescription" ident="supportDesc" mode="delete"/>
<elementSpec module="msdescription" ident="surrogates" mode="delete"/>
<elementSpec module="msdescription" ident="textLang" mode="delete"/>
<elementSpec module="msdescription" ident="watermark" mode="delete"/>
<elementSpec module="msdescription" ident="width" mode="delete"/>
230 <moduleRef key="namesdates"/>
<elementSpec module="namesdates" ident="addName" mode="delete"/>
<elementSpec module="namesdates" ident="affiliation" mode="delete"/>
<elementSpec module="namesdates" ident="age" mode="delete"/>
<elementSpec module="namesdates" ident="birth" mode="delete"/>
235 <elementSpec module="namesdates" ident="bloc" mode="delete"/>
<elementSpec module="namesdates" ident="climate" mode="delete"/>
<elementSpec module="namesdates" ident="death" mode="delete"/>
<elementSpec module="namesdates" ident="district" mode="delete"/>
<elementSpec module="namesdates" ident="education" mode="delete"/>
240 <elementSpec module="namesdates" ident="event" mode="delete"/>
<elementSpec module="namesdates" ident="faith" mode="delete"/>
<elementSpec module="namesdates" ident="floruit" mode="delete"/>
<elementSpec module="namesdates" ident="forename" mode="delete"/>
<elementSpec module="namesdates" ident="genName" mode="delete"/>
245 <elementSpec module="namesdates" ident="geo" mode="delete"/>
<elementSpec module="namesdates" ident="geogFeat" mode="delete"/>
<elementSpec module="namesdates" ident="geogName" mode="delete"/>
<elementSpec module="namesdates" ident="langKnowledge" mode="delete"/>
<elementSpec module="namesdates" ident="langKnown" mode="delete"/>
250 <elementSpec module="namesdates" ident="listNym" mode="delete"/>
<elementSpec module="namesdates" ident="listOrg" mode="delete"/>
<elementSpec module="namesdates" ident="listPerson" mode="delete"/>
<elementSpec module="namesdates" ident="listPlace" mode="delete"/>
<elementSpec module="namesdates" ident="location" mode="delete"/>
255 <elementSpec module="namesdates" ident="nameLink" mode="delete"/>
<elementSpec module="namesdates" ident="nationality" mode="delete"/>
<elementSpec module="namesdates" ident="nym" mode="delete"/>
<elementSpec module="namesdates" ident="occupation" mode="delete"/>
<elementSpec module="namesdates" ident="offset" mode="delete"/>
260 <elementSpec module="namesdates" ident="org" mode="delete"/>
<elementSpec module="namesdates" ident="orgName" mode="delete"/>
<elementSpec module="namesdates" ident="person" mode="delete"/>
<elementSpec module="namesdates" ident="personGrp" mode="delete"/>
<elementSpec module="namesdates" ident="place" mode="delete"/>
265 <elementSpec module="namesdates" ident="population" mode="delete"/>
<elementSpec module="namesdates" ident="region" mode="delete"/>
<elementSpec module="namesdates" ident="relation" mode="delete"/>
<elementSpec module="namesdates" ident="relationGrp" mode="delete"/>
<elementSpec module="namesdates" ident="residence" mode="delete"/>
270 <elementSpec module="namesdates" ident="roleName" mode="delete"/>
<elementSpec module="namesdates" ident="sex" mode="delete"/>
<elementSpec module="namesdates" ident="socecStatus" mode="delete"/>
<elementSpec module="namesdates" ident="state" mode="delete"/>
<elementSpec module="namesdates" ident="surname" mode="delete"/>
275 <elementSpec module="namesdates" ident="terrain" mode="delete"/>
<elementSpec module="namesdates" ident="trait" mode="delete"/>
<elementSpec module="textstructure" ident="docDate" mode="delete"/>
<elementSpec module="namesdates" ident="persName" mode="delete"/>
<elementSpec module="namesdates" ident="placeName" mode="delete"/>
280 </schemaSpec>
</body>
</text>
</TEI>

```

Listing 5.3: Description of the schema (ODD)

Chapter 6

Baseline Encoding for prose, drama and verse in TEI P5

Fotis Jannidis

September 4th 2008

This paper overviews the structure and the elements of the Baseline Encoding for prose, drama and verse based on TEI P5.

6.1 Baseline elements of TEI P5

The Baseline Encoding for prose, drama and verse comprises elements of the module core.

6.1.1 XML elements

The tables 6.1, 6.2 und 6.3 show the XML elements, which are included in the Baseline Encoding. Structure and inline elements are not accounted for.

Prose

Text divisions in prose are marked by paragraphs, which are tagged with <p>.

Table 6.1: Element <p> for prose

Element	Function	Status
<p>	marks paragraphs in prose	optional

Note for conversion

<ab> → <p>

Drama

The Baseline Encoding for performance texts focuses on the most important text divisions, as lines and paragraphs. Additionally, queries which compare texts of different speakers are supported.

Table 6.2: Elements of the Baseline Encoding for drama

Element	Function	Status
<p>	marks paragraphs	optional
<lg>	contains a group of verse lines functioning as a formal unit, e.g. a stanza, refrain, verse paragraph, etc.	optional
<l>	contains a single, possibly incomplete, line of verse	optional

Table 6.2 – continued

Element	Function	Status
<sp>	an individual speech in a performance text, or a passage presented as such in a prose or verse text	optional
<speaker>	a specialized form of heading or label, giving the name of one or more speakers in a dramatic text or fragment	optional
<stage>	contains any kind of stage direction within a dramatic text or fragment	optional

Note for conversion

map model.castItemPart (<actor>, <role>, <roleDesc>) → NONE
map model.frontPart.drama (<castList>, <epilogue>, <performance>, <prologue>, <set>) → <div>
map model.stageLike (<camera>, <caption>, <move>, <sound>, <tech>, <view>) → <stage>

Verse

The Baseline Encoding supports queries for a single line or line groups and queries which compare texts of different speakers.

Table 6.3: Elements of the Baseline Encoding for verse

Element	Function	Status
<lg>	contains a group of verse lines functioning as a formal unit	optional
<l>	contains a single, possibly incomplete, line of verse	optional
<sp>	an individual speech in a performance text, or a passage presented as such in a prose or verse text	optional
<speaker>	a specialized form of heading or label, giving the name of one or more speakers in a dramatic text or fragment	optional

Note for conversion

map model.lPart (<caesura>, <rhyme>) → NONE

6.1.2 XML-Attributes

There are no mandatory attributes.

6.1.3 Examples

Drama

```
<?xml version="1.0" encoding="UTF-8"?>
2 <TEI.2>
  <teiHeader>
    <fileDesc>
      <titleStmt>
        <title>Der junge Goethe in seiner Zeit. Texte und Kontexte. </title>
7        <author>Johann Wolfgang Goethe</author>
        <respStmt>
          <resp>Herausgegeben von </resp>
          <name>Karl Eibl, Fotis Jannidis, Marianne Willems</name>
        </respStmt>
      </titleStmt>
12    <editionStmt>
      <edition>Erste Ausgabe <date>1998</date>
    </edition>
  </editionStmt>
17  <publicationStmt>
    <p>Der junge Goethe in seiner Zeit</p>
    <p>Herausgegeben von Karl Eibl, Fotis Jannidis und Marianne Willems</p>
    <p>Erste Auflage 1998</p>
    <p>ISBN gebunden 3-458-16914-8</p>
22    <p>Taschenbuch 3-458-33800-4</p>
    <p>Insel Verlag Frankfurt/Main</p>
    <p>Weitere Informationen: http://www.jgoethe.uni-muenchen.de/</p>
  </publicationStmt>
  <sourceDesc>
27    <p>Die Texte des Jungen Goethe entstammen, so weit nicht anders angegeben, der Ausgabe: Der
      junge Goethe. Neu bearb. 3. Ausgabe. 5 Bde. und 1 Reg.-Bd. Hrsg. v. Hanna Fischer-
      Lamberg Berlin bzw. Bd. 5 und Reg.-Bd. Berlin und New York 1963 - 1974. (Sigle FL). Das
      Nähere jeweils im Kommentar. Die Herkunft der anderen Vorlagen wird jeweils unter dem
      Titel genannt. Wo kein spezieller Herkunftsvermerk steht, war das Original die Vorlage
      .</p>
    </sourceDesc>
  </fileDesc>
  <encodingDesc>
    <projectDesc>
32    <p>Die TEI-Dateien wurden durch Konvertierung der Folio Flat Files gewonnen. Zur besseren
      Handhabung mit SGML-Browsern wurden die Daten in 24 Dateien gespeichert: jgoethe0.sgm -
      jgoethe23.sgm. Die zugehörigen Entities befinden sich in den gleichnamigen Dateien
      mit der Endung .ent. Das Tag milestone wurde zweckentfremdet, um Informationen zum
      Entstehungszeitraum nicht zu verlieren (genauer in der readme.txt). </p>
    </projectDesc>
    <editorialDecl>
      <p>Die editorischen Prinzipien der Ausgabe sind im Nachwort (Teil des Textes) nachzulesen.
        Eine Beschreibung der Tags und zur Formatierung wesentlicher Attribute befindet sich in
        der beiliegenden readme.txt</p>
    </editorialDecl>
37  </encodingDesc>
  </teiHeader>
  <text>
    <body>
      <div>
42    [...]
      <sp id="JG110">
        <milestone ed="foliogruppe" unit="JGoethe 1765-68"/>
        <speaker>EGLE.</speaker>
        <milestone ed="foliogruppe" unit="JGoethe 1765-68"/>
47    <lg id="JG111" rend="Versrede" type="Verse">
      <l>Sei's nicht, ich will es auch nicht werden.</l>
      <l>Wir fehlen beide gleich. Mit freundlichen Gebärden<pb ed="Buchausgabe" n="B1
        22"/></l>
      <l n="15">Hör ich gar manchen an, und mancher Schäferin</l>
      <l>Sagst Du was süßes vor, wenn ich nicht bei Dir bin.</l>
52    <l>Den Herzen läßt sich wohl, dem Scherze nicht gebieten,</l>
      <l>Vor Unbeständigkeit muß uns der Leichtsinn hüten.</l>
      <l>Mich kleidet Eifersucht noch weniger als Dich.</l>
    </lg>
    </sp>
  </div>
  </body>
</text>
</div>
</body>
</text>
</teiHeader>
</TEI.2>
```

```

57     <p id="JG112">
        <milestone ed="foliogruppe" unit="JGoethe 1765-68"/>
        <stage>zu Aminen.</stage>
    </p>
    <sp id="JG113">
62     <milestone ed="foliogruppe" unit="JGoethe 1765-68"/>
        <lg rend="Versrede" type="Verse">
            <l n="20">Du lächelst über uns, was denkst Du Liebe? sprich!</l>
        </lg>
    </sp>
67     <sp id="JG114">
        <milestone ed="foliogruppe" unit="JGoethe 1765-68"/>
        <speaker>AMINE.</speaker>
        <milestone ed="foliogruppe" unit="JGoethe 1765-68"/>
        <lg id="JG115" rend="Versrede" type="Verse">
72     <l>Nicht viel.</l>
        </lg>
    </sp>
    </div>
    </body>
77 </text>
</TEI.2>

```

Listing 6.1: Dialogue Egle - Amine taken from *JWG: Die Laune Des Verliebten* in project encoding

```

<?xml version="1.0" encoding="UTF-8"?>
2 <?oxygen RNGSchema="Kernkodierungsschema.rnc" type="compact"?>
<TEI xmlns="http://www.tei-c.org/ns/1.0" xml:lang="de">
  <teiHeader>
    <fileDesc>
      <titleStmt>
7       <title>Der junge Goethe in seiner Zeit - Texte und Kontexte.</title>
        <author>Johann Wolfgang Goethe</author>
        <editor>Karl Eibl</editor>
        <editor>Fotis Jannidis</editor>
        <editor>Marianne Willems</editor>
12      </titleStmt>
      <publicationStmt>
        <authority>Fotis Jannidis</authority>
      </publicationStmt>
      <sourceDesc>
17      <biblStruct xml:lang="de" type="edition">
        <monogr>
          <author>Karl Eibl, Fotis Jannidis, Marianne Willems</author>
          <title type="main">Der junge Goethe in seiner Zeit - Texte und Kontexte.</title>
          <title type="sub">Erste Ausgabe</title>
22          <idno>3-458-16914-8</idno>
          <idno>3-458-33800-4</idno>
          <imprint>
            <date when="1998-08">schrittweise im Laufe des August 1998, vor Semesterbeginn</
              date>
          </imprint>
27          </monogr>
        </biblStruct>
      </sourceDesc>
    </fileDesc>
    <encodingDesc>
      <editorialDecl>
32      <normalization>
        <p>Die editorischen Prinzipien der Ausgabe sind im Nachwort (Teil des Textes) nachzulesen
          . Eine Beschreibung der Tags und zur Formatierung wesentlicher Attribute befindet
            sich in der beiliegenden readme.txt</p>
      </normalization>
      </editorialDecl>
37    </encodingDesc>
  </teiHeader>
  <text>
    <body>
      <div>
42      <sp>
        <speaker>EGLE.</speaker>

```

```

47         <lg>
            <l>Sei's nicht, ich will es auch nicht werden.</l>
            <l>Wir fehlen beide gleich. Mit freundlichen Gebehrden</l>
            <l>Hör ich gar manchen an, und mancher Schäferin</l>
            <l>Sagst Du was süßes vor, wenn ich nicht bei Dir bin.</l>
            <l>Den Herzen läßt sich wohl, dem Scherze nicht gebieten,</l>
            <l>Vor Unbeständigkeit muß uns der Leichtsinn hüten.</l>
            <l>Mich kleidet Eifersucht noch weniger als Dich.</l>
52     </lg>
    </sp>
    <p>
        <stage>zu Aminen.</stage>
    </p>
57     <sp>
        <lg>
            <l>Du lächelst über uns, was denkst Du Liebe? sprich!</l>
        </lg>
    </sp>
62     <sp>
        <speaker>AMINE.</speaker>
        <lg>
            <l>Nicht viel.</l>
        </lg>
67     </sp>
    </div>
</body>
</text>
</TEI>

```

Listing 6.2: Dialogue Egle - Amine taken from *JWG: Die Laune Des Verliebten* in Baseline Encoding

Prosedrama

```

<?xml version="1.0" encoding="UTF-8"?>
<TEI xmlns="http://www.tei-c.org/ns/1.0" xml:lang="de">
  <teiHeader>
    <!-- Header-Informationen -->
  </teiHeader>
  <text>
    <body>
      <div>
9         [...]
          <sp id="JG3281">
            <milestone ed="foliogruppe" unit="JGoethe 1771- Mai 72"/>
            <speaker>ELIS. </speaker>
            <p>Ich kanns wohl rathen -</p>
14          </sp>
          <sp id="JG3282">
            <milestone ed="foliogruppe" unit="JGoethe 1771- Mai 72"/>
            <speaker>CARL</speaker>
            <stage> kommt.</stage>
19          <p> Der Papa! Der Papa! Der Türner bläst das Liedel: Heysa! mach's Tohr auf!
              Machs Tohr auf.</p>
          </sp>
          <sp id="JG3283">
            <milestone ed="foliogruppe" unit="JGoethe 1771- Mai 72"/>
            <speaker>ELIS. </speaker>
24          <p>Da kommt er mit Beute.</p>
          </sp>
          <sp id="JG3284">
            <milestone ed="foliogruppe" unit="JGoethe 1771- Mai 72"/>
            <speaker>1. REUTER</speaker>
            <stage> kommt.</stage>
29          <p> Wir haben gejagt! wir haben gefangen! Gott grüs euch edle Frauen. Einen
              Wagen voll sachen, und was mehr ist als zwölf Wägen Adelberten von
              Weislingen</p>
34          </sp>
        </div>
    </body>

```

```

    </text>
  </TEI>

```

Listing 6.3: Dialogue Elis-Carl taken from *JWG: Geschichte Gottfriedens von Berlichingen mit der eisernen Hand* in project encoding

```

<?xml version="1.0" encoding="UTF-8"?>
2 <?oxygen RNGSchema="Kernkodierungsschema.rnc" type="compact"?>
<TEI xmlns="http://www.tei-c.org/ns/1.0" xml:lang="de">
  <teiHeader>
    <!-- Header-Informationen -->
  </teiHeader>
7 <text>
  <body>
    <div>
      [...]
      <sp>
12 <speaker>ELIS. </speaker>
<p>Ich kanns wohl rathen -</p>
      </sp>
      <sp>
17 <speaker>CARL</speaker>
<stage> kommt.</stage>
<p> Der Papa! Der Papa! Der Türner bläst das Liedel: Heysa! mach's Tohr auf! Machs Tohr
auf.</p>
      </sp>
      <sp>
22 <speaker>ELIS. </speaker>
<p>Da kommt er mit Beute.</p>
      </sp>
      <sp>
27 <speaker>1. REUTER</speaker>
<stage> kommt.</stage>
<p> Wir haben gejagt! wir haben gefangen! Gott grüs euch edle Frauen. Einen Wagen voll
sachen, und was mehr ist als zwölf Wägen Adelberten von Weislingen</p>
      </sp>
    </div>
  </body>
</text>
32 </TEI>

```

Listing 6.4: Dialogue Elis-Carl taken from *JWG: Geschichte Gottfriedens von Berlichingen mit der eisernen Hand* in Baseline Encoding

Verse

```

<?xml version="1.0" encoding="UTF-8"?>
<TEI xmlns="http://www.tei-c.org/ns/1.0" xml:lang="de">
3 <teiHeader>
  <!-- Header-Informationen -->
</teiHeader>
  <text>
    <body>
8 <div3 id="JG11994" type="Überschrift3">
  <head><milestone ed="foliogruppe" unit="JGoethe 1770-71"/><seg type="Grafikverweis"
  >H</seg><note type="Bild">
    <figure rend="extern" entity="VOLK04"> </figure>
  </note> Das Lied vom Grafen Friederich <ref target="LYRIKANFANG">
13 <figure rend="intern" entity="PFEILOB"> </figure>
  </ref></head>
  <p id="JG11995" rend="ErlaeuterungenKleinLyrik">
    <milestone ed="foliogruppe" unit="JGoethe 1770-71"/>
    <ref target="KGRAFFRIEDRICH">
18 <figure rend="intern" entity="PFEILRE"> </figure>
  </ref>
  </p>
  <lg id="JG11996" type="Strophe">
    <milestone ed="foliogruppe" unit="JGoethe 1770-71"/>
23 <l n="1"><anchor id="GRAFFRIEDRICHWOLLTAUSREITEN"/>Graf Friedrich wollt

```

```

        ausreiten</l>
        <l>Mit seinen Edelleuten,</l>
        <l>Wollt hohlen seine liebe Braut</l>
        <l>Die ihm zur Eh war wohl vertraut.</l>
28      </lg>
        <lg id="JG11997" type="Strophe">
          <milestone ed="foliogruppe" unit="JGoethe 1770-71"/>
          <l n="5">Als er mit seinem hellen Hauf</l>
          <l>Reit einen hohen Berg hinauf</l>
33      <l>Da kam er auf dem Weeg</l>
          <l>Auf einen sehr schmaalen Steeg.</l>
          </lg>
        </div3>
      </body>
38    </text>
  </TEI>

```

Listing 6.5: JWG: *Das Lied vom Grafen Friederich* in project encoding

```

1  <?xml version="1.0" encoding="UTF-8"?>
  <?oxygen RNGSchema="Kernkodierungsschema.rnc" type="compact"?>
  <TEI xmlns="http://www.tei-c.org/ns/1.0" xml:lang="de">
    <teiHeader>
      <!-- Header-Informationen -->
6    </teiHeader>
    <text>
      <body>
        <div>
          <head>Das Lied vom Grafen Friederich</head>
11      <lg>
          <l>Graf Friedrich wollt ausreiten</l>
          <l>Mit seinen Edelleuten,</l>
          <l>Wollt hohlen seine liebe Braut</l>
          <l>Die ihm zur Eh war wohl vertraut.</l>
16      </lg>
          <lg>
          <l>Als er mit seinem hellen Hauf</l>
          <l>Reit einen hohen Berg hinauf</l>
          <l>Da kam er auf dem Weeg</l>
21      <l>Auf einen sehr schmaalen Steeg.</l>
          </lg>
        </div>
      </body>
    </text>
26 </TEI>

```

Listing 6.6: JWG: *Das Lied vom Grafen Friederich* in Baseline Encoding

6.2 Hierarchy

The listed elements are not hierarchic (with the exception of the parent element `<sp>` and its child element `<speaker>`, as parent `<lg>` and child `<l>`).

6.3 RNG Schema

```

<?xml version="1.0"?>
<TEI xmlns="http://www.tei-c.org/ns/1.0" xml:lang="en">
  <teiHeader>
4    <fileDesc>
      <titleStmt>
        <title>TEI Absolutely Bare</title>

```

```

    <author>fj</author>
    <editor xml:id="sbauman.emt">Syd Bauman</editor>
9  </titleStmt>
  <publicationStmt>
    <availability status="free">
      <p>This template file is freely available and you are hereby authorised to copy, modify,
      and redistribute it in any way without further reference or permissions.</p>
14  <p>When making such modifications, you are strongly recommended to change the present text
      to include an accurate statement of the licencing conditions applicable to your modified
      text.</p>
    </availability>
  </publicationStmt>
19  <sourceDesc>
    <p>Initially created on <date when="2006-10-12T05:24:41">Thursday 12th October 2006</date>
      by the form at http://www.tei-c.org.uk/Roma/.</p>
    </sourceDesc>
  </fileDesc>
24  <revisionDesc>
    <change when="2007-08-12" who="#LB">Removed further elements added since this ODD was first
      created </change>
    <change when="2007-04-09" who="#LB">Added prose and reorganized structure to make it more
      document-like; changed deletion of attribute decls into deletion of att.declaring class; add
29  <deletes for elements email and floatingText added to P5 since this ODD was first created;
      considered but did not implement removal of all irrelevant datatype specs...</change>
    <change when="2006-10-14" who="#sbauman.emt"> Made valid: <list>
      <item>removed empty <att>prefix</att> attribute</item>
      <item>added required <att>type</att> attribute to <gi>classSpec</gi>s</item>
34  </list><!--. <note>Sebastian had also made the above changes.</note> -->Also removed
      extraneous <gi>altIdent</gi> elements, improved <gi>sourceDesc</gi>, changed the
      <att>ident</att> of <gi>schemaSpec</gi> to match the filename, and added this revision
      description. </change>
    </revisionDesc>
39  </teiHeader>
  <text>
    <!-- <front>
      <divGen type="toc"/>
    </front-->
44  <body>
    <p>Textgrid baseline encoding (subset of TEI)&#xD; for prose, drama, poetry</p>
    <div>
      <head>Basic text structure</head>
      <p>In this very simple schema, a document may contain <gi>front</gi>, <gi>body</gi> and
49  <gi>back</gi> elements as in standard TEI. However, within these, only the following
      elements are permitted: <specList>
        <specDesc key="div"/>
        <specDesc key="head"/>
        <specDesc key="list"/>
54  <specDesc key="p"/>
      </specList>
    </p>
    <p>The <gi>list</gi> element may contain a <gi>head</gi> followed by a sequence either of
      <gi>label</gi>-<gi>item</gi> pairs, or of <gi>item</gi> elements alone. </p>
59  <p>The <gi>item</gi> and <gi>p</gi> elements have the same structure: either may contain
      just text, or a mixture of text with <gi>list</gi>, or <gi>title</gi> elements.</p>
    <p>Similarly, the <gi>div</gi> element may contain a <gi>head</gi>, followed by a nested
      <gi>div</gi>, or one or more <gi>p</gi> elements. </p>
    <p>The <att>version</att> attribute on the <gi>TEI</gi> element is removed, as is the
64  <att>level</att> attribute on the <gi>title</gi> element. Other attributes are also
      removed as a consequence of the class modifications described below.</p>
    <p>The following specification group deletes all the unwanted elements: <specGrp
      xml:id="bodydels">
      <elementSpec ident="abbr" mode="delete" module="core"/>
      <elementSpec ident="add" mode="delete" module="core"/>
69  <elementSpec ident="addrLine" mode="delete" module="core"/>
      <elementSpec ident="address" mode="delete" module="core"/>
      <elementSpec ident="altIdent" mode="delete" module="core"/>
      <elementSpec ident="analytic" mode="delete" module="core"/>
74  <elementSpec ident="bibl" mode="delete" module="core"/>
      <elementSpec ident="biblFull" mode="delete" module="core"/>
      <elementSpec ident="biblItem" mode="delete" module="core"/>
      <elementSpec ident="biblScope" mode="delete" module="core"/>
      <elementSpec ident="biblStruct" mode="delete" module="core"/>
79  <elementSpec ident="binaryObject" mode="delete" module="core"/>
      <elementSpec ident="cb" mode="delete" module="core"/>

```



```

84 <elementSpec ident="choice" mode="delete" module="core"/>
<elementSpec ident="cit" mode="delete" module="core"/>
<elementSpec ident="corr" mode="delete" module="core"/>
<elementSpec ident="date" mode="delete" module="core"/>
<elementSpec ident="dateRange" mode="delete" module="core"/>
<elementSpec ident="del" mode="delete" module="core"/>
<elementSpec ident="desc" mode="delete" module="core"/>
<elementSpec ident="distinct" mode="delete" module="core"/>
89 <elementSpec ident="divGen" mode="delete" module="core"/>
<elementSpec ident="email" mode="delete" module="core"/>
<elementSpec ident="editor" mode="delete" module="core"/>
<elementSpec ident="emph" mode="delete" module="core"/>
<elementSpec ident="equiv" mode="delete" module="core"/>
94 <elementSpec ident="expan" mode="delete" module="core"/>
<elementSpec ident="foreign" mode="delete" module="core"/>
<elementSpec ident="gap" mode="delete" module="core"/>
<elementSpec ident="gloss" mode="delete" module="core"/>
<elementSpec ident="graphic" mode="delete" module="core"/>
99 <elementSpec ident="headItem" mode="delete" module="core"/>
<elementSpec ident="headLabel" mode="delete" module="core"/>
<elementSpec ident="hi" mode="delete" module="core"/>
<elementSpec ident="imprint" mode="delete" module="core"/>
<elementSpec ident="index" mode="delete" module="core"/>
104 <elementSpec ident="listBibl" mode="delete" module="core"/>
<elementSpec ident="measure" mode="delete" module="core"/>
<elementSpec ident="measureGrp" mode="delete" module="core"/>
<elementSpec ident="meeting" mode="delete" module="core"/>
<elementSpec ident="mentioned" mode="delete" module="core"/>
109 <elementSpec ident="milestone" mode="delete" module="core"/>
<elementSpec ident="monogr" mode="delete" module="core"/>
<elementSpec ident="name" mode="delete" module="core"/>
<elementSpec ident="note" mode="delete" module="core"/>
<elementSpec ident="num" mode="delete" module="core"/>
114 <elementSpec ident="orig" mode="delete" module="core"/>
<elementSpec ident="pb" mode="delete" module="core"/>
<elementSpec ident="postBox" mode="delete" module="core"/>
<elementSpec ident="postCode" mode="delete" module="core"/>
<elementSpec ident="ptr" mode="delete" module="core"/>
119 <elementSpec ident="pubPlace" mode="delete" module="core"/>
<elementSpec ident="publisher" mode="delete" module="core"/>
<elementSpec ident="ref" mode="delete" module="core"/>
<elementSpec ident="reg" mode="delete" module="core"/>
<elementSpec ident="relatedItem" mode="delete" module="core"/>
124 <elementSpec ident="resp" mode="delete" module="core"/>
<elementSpec ident="respStm" mode="delete" module="core"/>
<elementSpec ident="rs" mode="delete" module="core"/>
<elementSpec ident="said" mode="delete" module="core"/>
<elementSpec ident="series" mode="delete" module="core"/>
129 <elementSpec ident="sic" mode="delete" module="core"/>
<elementSpec ident="soCalled" mode="delete" module="core"/>
<elementSpec ident="street" mode="delete" module="core"/>
<elementSpec ident="teiCorpus" mode="delete" module="core"/>
<elementSpec ident="term" mode="delete" module="core"/>
134 <elementSpec ident="time" mode="delete" module="core"/>
<elementSpec ident="timeRange" mode="delete" module="core"/>
<elementSpec ident="unclear" mode="delete" module="core"/>
<elementSpec ident="argument" mode="delete" module="textstructure"/>
<elementSpec ident="byline" mode="delete" module="textstructure"/>
139 <elementSpec ident="closer" mode="delete" module="textstructure"/>
<elementSpec ident="dateline" mode="delete" module="textstructure"/>
<elementSpec ident="div0" mode="delete" module="textstructure"/>
<elementSpec ident="div1" mode="delete" module="textstructure"/>
<elementSpec ident="div2" mode="delete" module="textstructure"/>
144 <elementSpec ident="div3" mode="delete" module="textstructure"/>
<elementSpec ident="div4" mode="delete" module="textstructure"/>
<elementSpec ident="div5" mode="delete" module="textstructure"/>
<elementSpec ident="div6" mode="delete" module="textstructure"/>
<elementSpec ident="div7" mode="delete" module="textstructure"/>
149 <elementSpec ident="docAuthor" mode="delete" module="textstructure"/>
<elementSpec ident="docDate" mode="delete" module="textstructure"/>
<elementSpec ident="docEdition" mode="delete" module="textstructure"/>
<elementSpec ident="docImprint" mode="delete" module="textstructure"/>
<elementSpec ident="docTitle" mode="delete" module="textstructure"/>
154 <elementSpec ident="epigraph" mode="delete" module="textstructure"/>

```

```

<elementSpec ident="floatingText" mode="delete" module="textstructure"/>
<elementSpec ident="group" mode="delete" module="textstructure"/>
<elementSpec ident="imprimatur" mode="delete" module="textstructure"/>
<elementSpec ident="opener" mode="delete" module="textstructure"/>
159 <elementSpec ident="salute" mode="delete" module="textstructure"/>
<elementSpec ident="signed" mode="delete" module="textstructure"/>
<elementSpec ident="titlePage" mode="delete" module="textstructure"/>
<elementSpec ident="titlePart" mode="delete" module="textstructure"/>
<elementSpec ident="trailer" mode="delete" module="textstructure"/>
164 <elementSpec ident="title" mode="delete" module="core"/>
</specGrp>
</p>
</div>
<div>
169 <head>Header structure</head>
<p>A much simplified version of the TEI Header is defined, again by the deletion of many
elements. For validity, all that is required within it is the <gi>fileDesc</gi>, which
contains only the following elements: <specList>
174 <specDesc key="titleStmt"/>
<specDesc key="publicationStmt"/>
<specDesc key="sourceDesc"/>
</specList>
</p>
179 <p>Within the <gi>titleStmt</gi> only a <gi>title</gi> is permitted; within the other two
elements only a <gi>p</gi> is permitted. The <att>default</att> attribute on the
<gi>sourceDesc</gi> element is also removed. </p>
<p>The following specification group deletes all the other possible elements from the
header: <specGrp xml:id="hdrdels">
184 <elementSpec ident="appInfo" mode="delete" module="header"/>
<elementSpec ident="application" mode="delete" module="header"/>
<elementSpec ident="authority" mode="delete" module="header"/>
<elementSpec ident="availability" mode="delete" module="header"/>
<elementSpec ident="broadcast" mode="delete" module="header"/>
<elementSpec ident="cRefPattern" mode="delete" module="header"/>
189 <elementSpec ident="catDesc" mode="delete" module="header"/>
<elementSpec ident="catRef" mode="delete" module="header"/>
<elementSpec ident="category" mode="delete" module="header"/>
<elementSpec ident="change" mode="delete" module="header"/>
<elementSpec ident="classCode" mode="delete" module="header"/>
194 <elementSpec ident="classDecl" mode="delete" module="header"/>
<elementSpec ident="correction" mode="delete" module="header"/>
<elementSpec ident="creation" mode="delete" module="header"/>
<elementSpec ident="distributor" mode="delete" module="header"/>
<elementSpec ident="edition" mode="delete" module="header"/>
199 <elementSpec ident="editorialDecl" mode="delete" module="header"/>
<elementSpec ident="encodingDesc" mode="delete" module="header"/>
<elementSpec ident="equipment" mode="delete" module="header"/>
<elementSpec ident="fsdDecl" mode="delete" module="header"/>
<elementSpec ident="funder" mode="delete" module="header"/>
204 <elementSpec ident="geoDecl" mode="delete" module="header"/>
<elementSpec ident="handNote" mode="delete" module="header"/>
<elementSpec ident="hyphenation" mode="delete" module="header"/>
<elementSpec ident="idno" mode="delete" module="header"/>
<elementSpec ident="interpretation" mode="delete" module="header"/>
209 <elementSpec ident="keywords" mode="delete" module="header"/>
<elementSpec ident="langUsage" mode="delete" module="header"/>
<elementSpec ident="language" mode="delete" module="header"/>
<elementSpec ident="metDecl" mode="delete" module="header"/>
<elementSpec ident="metSym" mode="delete" module="header"/>
214 <elementSpec ident="namespace" mode="delete" module="header"/>
<elementSpec ident="normalization" mode="delete" module="header"/>
<elementSpec ident="principal" mode="delete" module="header"/>
<elementSpec ident="profileDesc" mode="delete" module="header"/>
<elementSpec ident="projectDesc" mode="delete" module="header"/>
219 <elementSpec ident="quotation" mode="delete" module="header"/>
<elementSpec ident="recording" mode="delete" module="header"/>
<elementSpec ident="recordingStmt" mode="delete" module="header"/>
<elementSpec ident="refsDecl" mode="delete" module="header"/>
<elementSpec ident="refState" mode="delete" module="header"/>
224 <elementSpec ident="rendition" mode="delete" module="header"/>
<elementSpec ident="revisionDesc" mode="delete" module="header"/>
<elementSpec ident="samplingDecl" mode="delete" module="header"/>
<elementSpec ident="scriptStmt" mode="delete" module="header"/>
<elementSpec ident="segmentation" mode="delete" module="header"/>

```

```

229     <elementSpec ident="sponsor" mode="delete" module="header"/>
    <elementSpec ident="state" mode="delete" module="header"/>
    <elementSpec ident="stdVals" mode="delete" module="header"/>
    <elementSpec ident="tagUsage" mode="delete" module="header"/>
    <elementSpec ident="tagsDecl" mode="delete" module="header"/>
234     <elementSpec ident="taxonomy" mode="delete" module="header"/>
    <elementSpec ident="textClass" mode="delete" module="header"/>
    <elementSpec ident="variantEncoding" mode="delete" module="header"/>
    <elementSpec ident="sourceDesc" mode="change" module="header">
      <attList>
239        <attDef ident="default" mode="delete"/>
      </attList>
    </elementSpec>
  </specGrp>
</p>
244 </div>
<div>
  <head>Class modifications</head>
  <p>Finally three of the TEI attribute classes are simplified. The attributes xml:space,
  rend, and xml:base are removed from the att.global class, so that this now makes available
249 to all elements only the following attributes: <att>xml:id</att>, <att>n</att>, and
  <att>xml:lang</att>. </p>
  <p>Three un-needed attributes are removed from the att.divLike class so that the
  <gi>div</gi> element inherits from it only the following attributes: <att>xml:id</att>,
  <att>n</att>, <att>xml:lang</att>. The attribute class <ident>att.declaring</ident> is
254 deleted completely, so that none of its members inherit the <att>decls</att> attribute
  defined in the unmodified TEI.</p>
  <specGrp xml:id="classmods">
    <classSpec ident="att.global" mode="change" module="tei" type="atts">
      <attList>
259        <attDef ident="xml:space" mode="delete"/>
        <attDef ident="rend" mode="delete"/>
        <attDef ident="xml:base" mode="delete"/>
      </attList>
    </classSpec>
264 <classSpec ident="att.divLike" mode="change" module="tei" type="atts">
      <attList>
        <attDef ident="org" mode="delete"/>
        <attDef ident="sample" mode="delete"/>
        <attDef ident="part" mode="delete"/>
269      </attList>
    </classSpec>
    <classSpec ident="att.declaring" mode="delete" module="tei" type="atts"/>
    <!--
      <attList>
274        <attDef ident="decls" mode="delete"/>
      </attList>
    </classSpec>
  -->
  </specGrp>
</div>
279 <div>
  <head>Formal declaration</head>
  <schemaSpec ident="tei_bare" xml:lang="en" prefix="">
    <moduleRef key="core"/>
    <moduleRef key="tei"/>
284    <moduleRef key="header"/>
    <moduleRef key="textstructure"/>
    <specGrpRef target="#bodydels"/>
    <specGrpRef target="#classmods"/>
    <specGrpRef target="#hrdels"/>
289    <elementSpec module="textstructure" ident="postscript" mode="delete"/>
    <elementSpec module="core" ident="author" mode="delete"/>
    <elementSpec module="core" ident="item" mode="delete"/>
    <elementSpec module="core" ident="label" mode="delete"/>
    <elementSpec module="core" ident="list" mode="delete"/>
294    </schemaSpec>
  </div>
</body>
</text>
</TEI>

```

Listing 6.7: RNG Schema with comments

Chapter 7

Baseline Encoding for the compilation of dictionaries in TEI P5¹

Mirjam Blümm, Stefan Bündenbender, Christian Graiger, Werner Wegstein

June 7th 2008

This paper is concerned with the structuring of dictionary entries and gives an overview of the XML elements and element classes of the modules core and dictionaries of TEI P5, which were specified for the baseline encoding.

¹translated by Mirjam Blümm and Liana Ene

Open issues

- Treatment of obvious errata
- Ontology for attribute values (z.B. for quotations)
- Placement of meta information within an element <entry>

7.1 Baseline elements of TEI P5

The baseline encoding comprises elements of the modules *core* and *dictionaries*. The elements of the module *header* and *textstructure*, which are necessary for a valid TEI document are described in a separate documentation.

7.1.1 XML elements

Table 7.1 shows the XML elements the module *core*, which are included in the baseline encoding. The marker *optional* refers to elements, which are used only if demanded by the structures of the dictionary entry. If an entry contains an example, for instance, the appropriate tags `<cit>` and `<q>` have to be used. If not, they are omitted.

Table 7.1: elements of the baseline encoding (modul core)

Element	Function	Status
<code><cit></code>	examples or citations, containing the headword	optional
<code><quote></code>	quotation	optional
<code><bibl></code>	bibliographic citation	optional
<code><author></code>	author(s)	optional
<code><title></code>	source	optional
<code><q></code>	example	optional
<code><note></code>	note	optional
<code><ref></code>	reference	optional

Table 7.2 shows those XML elements of the module *dictionaries*, which are included in the baseline encoding. Again, the marker *optional* refers to elements, which are used only if demanded by the structures of the dictionary entry. If an entry contains a definition, for example, the appropriate tag `<def>` has to be used. If not, it is omitted.

Table 7.2: elements of the baseline encoding (modul dictionaries)

Element	Function	Status
<code><entry></code>	contains a well-structured dictionary entry	required

Table 7.2 – continued

Element	Function	Status
<form>	groups all the information on the written and spoken forms of one headword	required
<sense>	groups together all information relating to one word sense in a dictionary entry, for example definitions, examples, translation equivalents, etymology . . .	required
<gramGrp>	groups morpho-syntactic information about a lexical item, groups the elements <pos>, <gen> and <subc>	required
<pos>	indicates the part of speech	required
<subc>	contains subcategorization information (“transitiv” / “intransitiv”)	optional
<gen>	identifies the morphological gender	optional
<def>	contains definition text in a dictionary entry	optional
<etym>	encloses etymological information	optional
<usg>	contains usage information	optional
<re>	contains a dictionary entry for a lexical item related to the headword, such as a compound phrase or derived form, embedded inside a larger entry	optional
<superEntry>	groups successive entries for a set of homographs	optional
<xr>	cross-reference phrase: contains a phrase, sentence, or icon referring the reader to some other location in this or another text	optional

The elements <entry>, <form> and <sense> are necessary prerequisites for search enquiries and thus represent the obligatory components of the baseline encoding. The element <form> groups all the information on the lemma, the element <sense> all information relating to the word sense. This applies also to entries, which consist of headword and reference. The reference is encoded by the tag <xr> within <sense>.²

The element <usg> may appear within the element <entry>, on the same level as and followed by <form> and <sense>, in order to encode certain usage aspects of the lemma, which refer to the entire entry (see the encoded examples to “Der Aar”, figure 7.1).

²this rule can also be applied to etymological information, usage, etc.

Within <form> the headword is encoded by <form> and grammatical information by <gramGrp>. Within <gramGrp> the elements <pos>, <gen> and <subc> specify the type of grammatical information.

Within <sense>, larger units of sense information are encoded in <sense>. If there is additional grammatical information, this can be encoded by <form> within <sense>. More differentiated units are encoded by the tags <def>, <usg>, <etym>, <xr>, <re> and <cit>. Within <xr>, the reference is encoded by <ref>. The tags <q>, <quote> and <bibl> represent the subelements of <cit>, whereat <q> tags examples, <quote> quotations. The element <bibl> contains bibliographic citation of which <author> tags the author and <title> the source.

7.1.2 XML-Attribute

Table 7.3 lists mandatory attributes for elements. The elements <entry> and <superEntry> have to be identified by an `xml:id`. The value of this attribute has to be unique within a global context, for example in an XML file or an EXIST database. The attribute `xml:id` ensures that the electronic text can be cited.

Table 7.3: XML-Attributes of elements in the baseline encoding

Attribute	Function	Element
<code>xml:id</code>	identification of elements	<entry>
<code>xml:id</code>	identification of elements	<superEntry>
<code>type</code>	identification of the lemma or headword	<form>
<code>type</code>	usage type	<usg>
<code>n</code>	numbering or grouping	<sense>
<code>n</code>	referencing of the author (if possible)	<author>
<code>n</code>	referencing of the source (if possible)	<title>

Within <form>-elements, the `type` attribute defines the complete lemma (including all forms of the headword) by the use of the value `lemma` and the headword by the use of the value `headword`.

Diasystematic information of the headword is encoded with the tag <usg>, its `type` attribute specifies the type of restriction, e.g. regional, temporal or stylistic use.

Within <sense> elements the attribute `n` differentiates the single meanings of a headword, within <author> `n` references an `xml:id`.

7.1.3 Examples

*** Der Aar, des —es, oder —en, Wz. die —e, oder —en, die alte Benennung aller großer Raubvögel, besonders aber des Adlers, die noch in N. D. üblich ist und bei Dichtern vorkommt.**

**Ein kühner Aar theilt mit gewalt'gen Schwingen
Die Lüfte, — — — — — Schreiber.
Wald werdet ihr im Meer der Haien, am Gestade
Der Aaren Beute sein. — Kamler.**

Figure 7.1: Dictionary entry “Der Aar”

Dictionary entry “Der Aar” in project encoding

```
<?xml version="1.0" encoding="UTF-8"?>
2 <?oxygen RNGSchema="../../../dictionary_schemas/campe_dictionary.rnc" type="compact"?>
<TEI xmlns="http://www.tei-c.org/ns/1.0" xml:lang="de">
  <teiHeader>
    <fileDesc>
      <titleStmnt>
7        <title>Joachim Heinrich Campe, Wörterbuch der Deutschen Sprache, Band 1 mit TEI-Auszeichnung</
          title>
          <author>Kompetenzzentrum für EDV-Philologie, Universität Würzburg</author>
        </titleStmnt>
      <publicationStmnt>
      <availability>
12        <p>für die Kodierungs- und Korrekturphase</p>
          <!-- die Festlegung der Nutzungslizenz erfolgt später -->
        </availability>
          <authority>Kompetenzzentrum für EDV-Philologie, Universität Würzburg</authority>
        </publicationStmnt>
17      <sourceDesc>
          <biblStruct xml:lang="de" type="dictionary">
            <monogr>
              <author>Joachim Heinrich Campe</author>
              <title>Wörterbuch der Deutschen Sprache</title>
22              <title type="sub">Veranstaltet und herausgegeben von Joachim Heinrich Campe. Erster Theil.
                A - bis - E. </title>
              <imprint>
                <pubPlace>Braunschweig</pubPlace>
                <publisher>In der Schulbuchhandlung.</publisher>
                <date when="1807">1807</date>
27              </imprint>
            </monogr>
          </biblStruct>
        </sourceDesc>
      </fileDesc>
32      <encodingDesc>
          <editorialDecl>
            <normalization>
              <p>Formaterfassung der Lemmazeile: die Lemmazeile (Stichwort ggf. mit Artikel und
                grammatischen Angaben) ist ausnahmslos in einem ca. 0,5 Punkt größeren Schriftfont
                gesetzt; dies wird nur hier notiert. Der negative Einzug (Linksaurückung) wird nicht
                kodiert. </p>
              <p>Typographische Besonderheiten: Alle übrigen typographischen Veränderungen sind mit dem
                Element "hi" kodiert.</p>
37            </normalization>
          </editorialDecl>
        </encodingDesc>
        <revisionDesc>
          <change who="#CG">20081007 automatisch generiert</change>
42        </revisionDesc>
      </teiHeader>
      <text>
        <body>
```

```

47     <div>
        <entry xml:id="cwds1.00045_aar">
          <lb n="0002.035"/>
            <usg type="time">
              <g>*</g>
            </usg>
52         <form>
            <form type="lemma">
              <gramGrp>
                <pos value="noun"/>
                <gen value="m"/>
57              </gramGrp>
              <form type="determiner">
                <orth>Der</orth>
              </form>
              <form type="headword" norm="aar">
                <orth>Aar</orth>
62              </form>
            </form>
            <c>,</c>
            <form type="inflected">
67              <gramGrp>
                <case value="genitive"/>
                <number value="singular"/>
              </gramGrp>
              <form type="determiner">
                <orth>des</orth>
72              </form>
              <form type="headword">
                <orth>
                  <oVar>
                    <oRef/> - es </oVar>
77                  </orth>
                </form>
                <c>,</c> oder <form type="headword">
                  <orth>
                    <oVar>
                      <oRef/> - en </oVar>
82                    </orth>
                  </form>
                </form>
            </form>
            <c>,</c>
            <form type="inflected">
87              <gramGrp>
                <case value="nominative"/>
                <number value="plural">
                  <abbr>Mz.</abbr>
92                </number>
              </gramGrp>
              <form type="determiner">
                <orth>die</orth>
97              </form>
              <form type="headword">
                <orth>
                  <oVar>
                    <oRef/> - e </oVar>
102                  </orth>
                </form>
                <c>,</c> oder <form type="headword">
                  <orth>
                    <oVar>
                      <oRef/> - en </oVar>
107                    </orth>
                  </form>
                </form>
            </form>
            <c>,</c>
112          </form>
          <sense>
            <def> die alte <lb n="0002.036"/> Benennung aller großer Raubvögel <c>,</c>
              besonders aber des Adlers <c>,</c></def> die <lb n="0002.037"/> noch
              <usg type="geo"> in <abbr>N. D.</abbr>
117            </usg> üblich ist und <usg type="style">bei Dichtern</usg> vorkommt <c>.</c>
            <lb n="0002.038"/>
            <cit rend="indented">

```

```

122     <cit type="quote">
        <quote> Ein kühner <hi rend="large">Aar</hi> theilt mit gewalt'gen
            Schwingen <lb n="0002.039"/> Die Lüfte <c>,</c>
            <c>.</c>
            <c>.</c>
            <c>.</c>
            <c>.</c>
            <c>.</c>
127     </quote>
        <bibl>
            <author n="#Schreiber">
                <hi rend="spaced">Schreiber</hi>
            </author>
            <c>.</c>
132     </bibl>
        </cit>
        <lb n="0002.040"/>
        <cit type="quote">
137     <quote>Bald werdet ihr im Meer der Haien <c>,</c> am Gestade <lb
            n="0002.041"/> Der <hi rend="large">Aaren</hi> Beute sein
            <c>.</c>
            <c>.</c>
            <c>.</c>
142     </quote>
        <bibl>
            <author n="#Ramler">
                <hi rend="spaced">Ramler</hi>
            </author>
            <c>.</c>
147     </bibl>
        </cit>
    </cit>
    </sense>
</entry>
</div>
152 </body>
</text>
</TEI>

```

Listing 7.1: Dictionary entry "Der Aar" (Campe) in project encoding

Dictionary entry “Der Aar” in baseline encoding

```
1 <?xml version="1.0" encoding="UTF-8"?>
  <?oxygen RNGSchema="../../coreencoding_dictionaries.rnc" type="compact"?>
  <TEI xmlns="http://www.tei-c.org/ns/1.0" xml:lang="de">
    <teiHeader>
      <fileDesc>
        <titleStmt>
          <title>Joachim Heinrich Campe, Wörterbuch der Deutschen Sprache, Band 1 mit
            TEI-Auszeichnung</title>
          <author>Kompetenzzentrum für EDV-Philologie, Universität Würzburg</author>
        </titleStmt>
11      <publicationStmt>
        <availability>
          <p>für die Kodierungs- und Korrekturphase</p>
          <!-- die Festlegung der Nutzungslizenz erfolgt später -->
        </availability>
16      <authority>Kompetenzzentrum für EDV-Philologie, Universität Würzburg</authority>
        </publicationStmt>
        <sourceDesc>
          <biblStruct xml:lang="de" type="dictionary">
            <monogr>
21              <author>Joachim Heinrich Campe</author>
              <title>Wörterbuch der Deutschen Sprache</title>
              <title type="sub">Veranstaltet und herausgegeben von Joachim Heinrich Campe.
                Erster Theil. A - bis - E. </title>
              <imprint>
26                <pubPlace>Braunschweig</pubPlace>
                <publisher>In der Schulbuchhandlung.</publisher>
                <date when="1807">1807</date>
              </imprint>
            </monogr>
31          </biblStruct>
        </sourceDesc>
      </fileDesc>
      <encodingDesc>
        <editorialDecl>
36          <normalization>
            <p>Formaterfassung der Lemmazeile: die Lemmazeile (Stichwort ggf. mit Artikel und
              grammatischen Angaben) ist ausnahmslos in einem ca. 0,5 Punkt größeren Schriftfont
              gesetzt; dies wird nur hier notiert. Der negative Einzug (Linksaurückung) wird
              nicht kodiert. </p>
41          </normalization>
        </editorialDecl>
      </encodingDesc>
      <revisionDesc>
        <change who="#MB">20080430 Textkontrolle</change>
46      </revisionDesc>
    </teiHeader>
    <text>
      <body>
        <div>
51          <entry xml:id="cwds1.000045_Aar">
            <lb/>
              <usg type="time">*</usg>
              <form type="lemma">
                <gramGrp>
56                  <pos value="noun"/>
                  <gen value="m"/>
                </gramGrp>
                <form type="headword">Aar</form>, des -es, oder -en, Mz. die -e,
                oder -en,</form>
                <sense>
61                <def>die alte<lb/>Benennung aller großer Raubvögel, besonders aber des
                  Adlers,</def> die<lb/>noch <usg type="geo">in N. D.</usg> üblich ist und <usg
                    type="style">bei Dichtern</usg> vorkömmt.<lb/>
                <cit type="example">
                  <cit type="verse">
66                    <quote>Ein kühner Aar theilt mit gewalt'gen Schwingen<lb/>Die Lüfte, - - -
                      -</quote>
                </cit>
                <bibl>
                  <author n="#Schreiber">Schreiber.</author>
                </bibl>
71              </cit>
            </div>
          </entry>
        </div>
      </body>
    </text>
  </TEI>
```

```

76      <lb/>
      <cit type="verse">
        <quote>Bald werdet ihr im Meer der Haien, am Gestade<lb/>Der Aaren Beute
          sein. -</quote>
      <bibl>
        <author n="#Ramler">Ramler.</author>
      </bibl>
    </cit>
81  </cit>
    </sense>
  </entry>
</div>
</body>
</text>
86 </TEI>

```

Listing 7.2: Dictionary entry "Der Aar" (Campe) in baseline encoding

Abändern, v. I) trs. 1) Ein wenig ändern, anders einrichten. Eine Haube abändern. In diesem Auffage muß noch manches abgeändert werden. Wenn in der Kanzleisprache abändern für aufheben oder widerrufen gebraucht wird, so ist dies ein Mißbrauch. 2) Seit Gottscheds Zeiten bei vielen Sprachlehrern so viel wie umenden (decliniren), wofür es aber zu unbestimmt ist. C. Uenden. II) ntr. mit haben, so viel als abwechseln, sich verändern. „Die Farbe des Gefieders scheint bei dem Kampfhahn eben so abzuändern, wie bei dem Hausgeflügel.“ F u n k e. — Das Abändern. Die Abänderung.

Figure 7.2: Dictionary entry “Abändern”

Dictionary entry “Abändern” in project encoding

```

<?xml version="1.0" encoding="UTF-8"?>
<?oxygen RNGSchema="../dictionary_schemas/campe_dictionary.rnc" type="compact"?>
<TEI xmlns="http://www.tei-c.org/ns/1.0" xml:lang="de">
4   <teiHeader>
      <fileDesc>
        <titleStmt>
          <title>Joachim Heinrich Campe, Wörterbuch der Deutschen Sprache, Band 1 mit TEI-Auszeichnung
          </title>
          <author>Kompetenzzentrum für EDV-Philologie, Universität Würzburg</author>
9        </titleStmt>
        <publicationStmt>
          <availability>
            <p>für die Kodierungs- und Korrekturphase</p>
            <!-- die Festlegung der Nutzungslizenz erfolgt später -->
14          </availability>
          <authority>Kompetenzzentrum für EDV-Philologie, Universität Würzburg</authority>
        </publicationStmt>
        <sourceDesc>
          <biblStruct xml:lang="de" type="dictionary">
19            <monogr>
              <author>Joachim Heinrich Campe</author>
              <title>Wörterbuch der Deutschen Sprache</title>
              <title type="sub">Veranstaltet und herausgegeben von Joachim Heinrich Campe. Erster
                Theil. A - bis - E. </title>
              <imprint>
24                <pubPlace>Braunschweig</pubPlace>
                <publisher>In der Schulbuchhandlung.</publisher>
                <date when="1807">1807</date>
              </imprint>
            </monogr>
29          </biblStruct>
        </sourceDesc>
      </fileDesc>
      <encodingDesc>
        <editorialDecl>
34          <normalization>
            <p>Formaterfassung der Lemmazeile: die Lemmazeile (Stichwort ggf. mit Artikel und
              grammatischen Angaben) ist ausnahmslos in einem ca. 0,5 Punkt größeren Schriftfont
              gesetzt; dies wird nur hier notiert. Der negative Einzug (Linksaurückung) wird
              nicht kodiert. </p>
            <p>Typographische Besonderheiten: Alle übrigen typographischen Veränderungen sind mit dem
              Element "hi" kodiert.</p>
          </normalization>
        </editorialDecl>
39      </encodingDesc>
      <revisionDesc>
        <change who="#CG">20081007 automatisch generiert</change>
      </revisionDesc>
    </teiHeader>
44   <text>
      <body>
        <div>
          <entry xml:id="cwds1_00081_abaendern">

```

```

49      <lb n="0003.066"/>
      <form>
        <form type="lemma">
          <form type="headword" norm="abändern">
            <orth>Abändern</orth>
          </form>
54      <c>,</c>
        <gramGrp>
          <pos value="verb">
            <hi rend="roman">
              <abbr>v.</abbr>
59            </hi>
          </pos>
        </gramGrp>
      </form>
64    </form>
    <sense>
      <sense n="1">
        <lbl type="ordering">I</lbl>
        <gramGrp>
          <pos value="verb"/>
          <subc value="transitive">
            <hi rend="roman">
              <abbr>trs.</abbr>
69            </hi>
          </subc>
        </gramGrp>
74      <sense n="1.1">
        <lbl type="ordering">1</lbl>
        <def>Ein wenig ändern <c>,</c> anders einrichten <c>.</c></def>
        <cit>
79      <q>Eine <lb n="0003.067"/> Haube <hi rend="large">abändern</hi>
          <c>.</c></q>
          <q>In diesem Aufsatz muß noch manches <hi rend="large">
            <w rend="abgeän-dert"> abgeän <lb n="0003.068"/> dert
            </w>
84          </hi> werden <c>.</c></q>
        </cit>
        <note>Wenn in der Kanzleisprache <hi rend="large">abändern</hi> für
          aufheben <lb n="0003.069"/> oder widerrufen gebraucht wird
          <c>,</c> so ist dies ein Mißbrauch <c>.</c></note>
89      </sense>
      <sense n="1.2">
        <lbl type="ordering">2</lbl>
        <usg type="time">Seit <lb n="0003.070"/>
          <name n="#Gottsched">
            <hi rend="spaced">Gottscheds</hi>
94          </name> Zeiten</usg>
          <usg type="dom">bei vielen Sprachlehrern</usg> so viel wie <def>
            <hi rend="large">umenden</hi>
            <lb n="0003.071"/>
            <c></c>
            <hi rend="roman">decliniren</hi>
            <c></c>
99          </def>
        <c>,</c>
104      <note>wofür es aber zu unbestimmt ist <c>.</c></note>
        <xr>
          <lbl type="reference">
            <hi rend="large">
              <abbr>S.</abbr>
109            </hi>
          </lbl>
          <ref target="#cwds5.Umenden">
            <hi rend="large">Umenden </hi>
          </ref>
114        </xr>
        <c>.</c>
      </sense>
    </sense>
    <sense n="2">
119      <lbl type="ordering">II</lbl>
      <lb n="0003.072"/>
      <gramGrp>

```



```

124         <pos value="verb"/>
        <subc value="neuter">
            <hi rend="roman">
                <abbr>ntr.</abbr>
            </hi>
        </subc>
        <gram> mit <hi rend="large">haben</hi>
        </gram>
129 </gramGrp>
        <c>.</c>
        <def>so viel als abwechseln <c>.</c> sich verändern <c>.</c></def>
        <cit type="quote">
134         <quote>
            <c>"</c> Die Farbe <lb n="0003.073"/> des Gefieders scheint bei
            dem Kampfhahn eben so <hi rend="large">abzuändern</hi>
            <c>.</c> wie bei <lb n="0003.074"/> dem Hausgeflügel <c>.</c>
            <c>"</c></quote>
139         <bibl>
            <author n="#Funke">
                <hi rend="spaced">Funke</hi>
            </author>
            <c>.</c>
144         </bibl>
        </cit>
    </sense>
    <re type="derived">
        <c>.</c>
149         <hi rend="large"> Das Abändern <c>.</c> Die Abänderung </hi>
        <c>.</c>
    </re>
    </sense>
</entry>
154 </div>
</body>
</text>
</TEI>

```

Listing 7.3: Dictionary entry "Abändern" (Campe) in project encoding

Dictionary entry “Abändern” in baseline encoding

```
<?xml version="1.0" encoding="UTF-8"?>
<?oxygen RNGSchema="../../coreencoding_dictionaries.rnc" type="compact"?>
3 <TEI xmlns="http://www.tei-c.org/ns/1.0" xml:lang="de">
  <teiHeader>
    <fileDesc>
      <titleStmnt>
        <title>Joachim Heinrich Campe, Wörterbuch der Deutschen Sprache, Band 1 mit TEI-Auszeichnung
8          </title>
        <author>Kompetenzzentrum für EDV-Philologie, Universität Würzburg</author>
      </titleStmnt>
      <publicationStmnt>
        <availability>
          <p>für die Kodierungs- und Korrekturphase</p>
13          <!-- die Festlegung der Nutzungslizenz erfolgt später -->
        </availability>
        <authority>Kompetenzzentrum für EDV-Philologie, Universität Würzburg</authority>
      </publicationStmnt>
      <sourceDesc>
18        <biblStruct xml:lang="de" type="dictionary">
          <monogr>
            <author>Joachim Heinrich Campe</author>
            <title>Wörterbuch der Deutschen Sprache</title>
            <title type="sub">Veranstaltet und herausgegeben von Joachim Heinrich Campe. Erster
23              Theil. A - bis - E. </title>
            <imprint>
              <pubPlace>Braunschweig</pubPlace>
              <publisher>In der Schulbuchhandlung.</publisher>
              <date when="1807">1807</date>
            </imprint>
            </monogr>
          </biblStruct>
        </sourceDesc>
      </fileDesc>
      <encodingDesc>
33        <editorialDecl>
          <normalization>
            <p>Formaterfassung der Lemmazeile: die Lemmazeile (Stichwort ggf. mit Artikel und
              grammatischen Angaben) ist ausnahmslos in einem ca. 0,5 Punkt größeren Schriftfont
              gesetzt; dies wird nur hier notiert. Der negative Einzug (Linksaurückung) wird
              nicht kodiert. </p>
          </normalization>
        </editorialDecl>
      </encodingDesc>
38      <revisionDesc>
        <change who="#MB">20080430 Textkontrolle</change>
      </revisionDesc>
    </teiHeader>
43    <text>
      <body>
        <div>
          <entry xml:id="cwds1_000081_Abaendern">
48            <form type="lemma">
              <form type="headword">Abändern</form>, <gramGrp>
                <pos value="verb">
                  <choice>
                    <abbr>v.</abbr>
53                  </choice>
                </pos>
              </gramGrp>
            </form>
            <sense>
58              <sense n="1">I) <gramGrp>
                <pos value="verb"/>
                <subc value="transitive">
                  <choice>
                    <abbr>trs.</abbr>
63                  </choice>
                </subc>
              </gramGrp>
              <sense n="1.1">1) <def>Ein wenig ändern, anders einrichten.</def>
```

```

68         <cit type="example">
           <q>Eine<lb/>Haube abändern.</q>
           <q>In diesem Aufsätze muß noch manches abgeän-<lb/>dert
           werden.</q>
        </cit>
        <note>Wenn in der Kanzleisprache abändern für aufheben<lb/>oder
73       widerrufen gebraucht wird, so ist dies ein Mißbrauch.</note>
    </sense>
    <sense n="1.2">2) <usg type="time">Seit<lb/>Gottscheds Zeiten</usg>
      <usg type="dom">bei vielen Sprachlehrern</usg> so viel wie
      <def>umenden<lb/>(declinieren).</def>
78     <note> wofür es aber zu unbestimmt ist.</note>
      <xr>
        <choice>
          <abbr>S.</abbr>
        </choice>
83     <ref target="#cwds5_umenden">Umenden.</ref>
      </xr>
    </sense>
  </sense>
  <sense n="2">II<lb/>
88    <gramGrp>
      <pos value="verb"/>
      <subc value="neuter">
        <choice>
          <abbr>ntr.</abbr>
        </choice>
93    </subc> mit haben, </gramGrp> so viel als <def>abwechseln, sich
    verändern.</def>
    <cit type="example">
      <cit type="verse">
98    <quote>>Die Farbe<lb/>des Gefieders scheint bei dem Kampfhahn
      eben so abzuändern, wie bei<lb/>dem Hausgeflügel.<</quote>
      <bibl>
        <author n="#Funke">Funke.</author>
      </bibl>
103    </cit>
      </cit>
    </sense>
    <re> - Das Abändern. Die Abänderung.</re>
  </sense>
108 </entry>
</div>
</body>
</text>
</TEI>

```

Listing 7.4: Dictionary entry "Abändern" (Campe) in baseline encoding

7.2 Hierarchy

As the structure of individual entries varies significantly, especially in historic dictionaries, the baseline encoding has to be flexible enough to cover different structures. At the same time, however, some basic tagging rules have to be applied, in order to ensure electronic processing:

The combination of <form> and <sense> has to be tagged within <entry> and if necessary also within <sense> resp. <re>.

No further element is allowed on the level of <form> and <sense>, with the exception of <usg> for the encoding of information about usage preceding the entry.

The different meanings of one headword are tagged in separate <sense> elements.

The element <gramGrp> is repeated in <sense>, if verbs are differentiated by transitive and intransitive usage.

The element <pos> is an obligatory part of <gramGrp>; the elements <subc> and <gen> are tagged within <gramGrp> if this information is held within the entry.

The elements of figure 7.3 must not be used as empty elements with the exception of <pos> and <gen>.

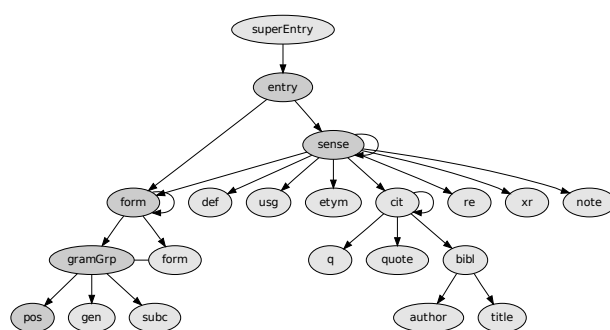


Figure 7.3: Hierarchy of XML elements of the baseline encoding

7.3 Description of the schema

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Generated using Roma 3.4, last updated 2008-07-08. -->
3 <TEI xmlns="http://www.tei-c.org/ns/1.0" xml:lang="en">
  <teiHeader>
    <rng:zeroOrMore xmlns:rng="http://relaxng.org/ns/structure/1.0">
      <rng:choice>
        <rng:text/>
8         <rng:ref name="model.gLike"/>
          <rng:ref name="model.phrase"/>
          <rng:ref name="model.inter"/>
          <rng:ref name="model.formPart"/>
          <rng:ref name="model.global"/>
13        </rng:choice>
      </rng:zeroOrMore>
      <fileDesc>
        <titleStmt>
          <title>TEI Extension for encoding dictionaries in TextGrid "core encoding"</title>
18          <author>Mirjam Blümm</author>
        </titleStmt>
        <publicationStmt>
          <p>for use by whoever wants it</p>
        </publicationStmt>
23        <sourceDesc>
          <p>created on 2007-09-05 by the form at http://www.tei-c.org.uk/Roma/</p>
        </sourceDesc>
      </fileDesc>
    </teiHeader>
28    <text>
      <front>
        <divGen type="toc"/>
      </front>
      <body>
33        <p>TextGrid TEI Customization for encoding dictionaries</p>
        <schemaSpec ident="coreencoding_dictionaries" xml:lang="en" prefix="">
          <moduleRef key="core"/>
          <moduleRef key="tei"/>
          <moduleRef key="header"/>
38          <moduleRef key="textstructure"/>
          <moduleRef key="dictionaries"/>
          <moduleRef key="gaiji"/>
          <elementSpec module="gaiji" ident="char" mode="delete"/>
          <elementSpec module="gaiji" ident="charDesc" mode="delete"/>
43          <elementSpec module="gaiji" ident="charName" mode="delete"/>
          <elementSpec module="gaiji" ident="charProp" mode="delete"/>
          <elementSpec module="gaiji" ident="glyphName" mode="delete"/>
          <elementSpec module="gaiji" ident="localName" mode="delete"/>
          <elementSpec module="gaiji" ident="mapping" mode="delete"/>
48          <elementSpec module="gaiji" ident="unicodeName" mode="delete"/>
          <elementSpec module="gaiji" ident="value" mode="delete"/>
          <elementSpec module="textstructure" ident="argument" mode="delete"/>
          <elementSpec module="textstructure" ident="byline" mode="delete"/>
          <elementSpec module="textstructure" ident="closer" mode="delete"/>
53          <elementSpec module="textstructure" ident="dateline" mode="delete"/>
          <elementSpec module="textstructure" ident="div0" mode="delete"/>
          <elementSpec module="textstructure" ident="div1" mode="delete"/>
          <elementSpec module="textstructure" ident="div2" mode="delete"/>
          <elementSpec module="textstructure" ident="div3" mode="delete"/>
          <elementSpec module="textstructure" ident="div4" mode="delete"/>
58          <elementSpec module="textstructure" ident="div5" mode="delete"/>
          <elementSpec module="textstructure" ident="div6" mode="delete"/>
          <elementSpec module="textstructure" ident="div7" mode="delete"/>
          <elementSpec module="textstructure" ident="epigraph" mode="delete"/>
63          <elementSpec module="textstructure" ident="floatingText" mode="delete"/>
          <elementSpec module="textstructure" ident="group" mode="delete"/>
          <elementSpec module="textstructure" ident="opener" mode="delete"/>
          <elementSpec module="textstructure" ident="salute" mode="delete"/>
          <elementSpec module="textstructure" ident="signed" mode="delete"/>
68          <elementSpec module="textstructure" ident="trailer" mode="delete"/>
          <elementSpec module="core" ident="add" mode="delete"/>
          <elementSpec module="core" ident="addrLine" mode="delete"/>
          <elementSpec module="core" ident="address" mode="delete"/>
          <elementSpec module="core" ident="altIdent" mode="delete"/>
73          <elementSpec module="core" ident="analytic" mode="delete"/>
          <elementSpec module="core" ident="binaryObject" mode="delete"/>

```

```

78 <elementSpec module="core" ident="corr" mode="delete"/>
<elementSpec module="core" ident="del" mode="delete"/>
<elementSpec module="core" ident="desc" mode="delete"/>
<elementSpec module="core" ident="distinct" mode="delete"/>
<elementSpec module="core" ident="divGen" mode="delete"/>
<elementSpec module="core" ident="email" mode="delete"/>
<elementSpec module="core" ident="emph" mode="delete"/>
<elementSpec module="core" ident="equiv" mode="delete"/>
83 <elementSpec module="core" ident="gap" mode="delete"/>
<elementSpec module="core" ident="graphic" mode="delete"/>
<elementSpec module="core" ident="headItem" mode="delete"/>
<elementSpec module="core" ident="headLabel" mode="delete"/>
<elementSpec module="core" ident="index" mode="delete"/>
88 <elementSpec module="core" ident="item" mode="delete"/>
<elementSpec module="core" ident="l" mode="delete"/>
<elementSpec module="core" ident="label" mode="delete"/>
<elementSpec module="core" ident="lg" mode="delete"/>
<elementSpec module="core" ident="list" mode="delete"/>
93 <elementSpec module="core" ident="listBibl" mode="delete"/>
<elementSpec module="core" ident="measure" mode="delete"/>
<elementSpec module="core" ident="measureGrp" mode="delete"/>
<elementSpec module="core" ident="meeting" mode="delete"/>
<elementSpec module="core" ident="mentioned" mode="delete"/>
98 <elementSpec module="core" ident="num" mode="delete"/>
<elementSpec module="core" ident="orig" mode="delete"/>
<elementSpec module="core" ident="postBox" mode="delete"/>
<elementSpec module="core" ident="postCode" mode="delete"/>
<elementSpec module="core" ident="reg" mode="delete"/>
103 <elementSpec module="core" ident="relatedItem" mode="delete"/>
<elementSpec module="core" ident="resp" mode="delete"/>
<elementSpec module="core" ident="respStmt" mode="delete"/>
<elementSpec module="core" ident="rs" mode="delete"/>
<elementSpec module="core" ident="said" mode="delete"/>
108 <elementSpec module="core" ident="series" mode="delete"/>
<elementSpec module="core" ident="sic" mode="delete"/>
<elementSpec module="core" ident="soCalled" mode="delete"/>
<elementSpec module="core" ident="sp" mode="delete"/>
<elementSpec module="core" ident="speaker" mode="delete"/>
113 <elementSpec module="core" ident="stage" mode="delete"/>
<elementSpec module="core" ident="street" mode="delete"/>
<elementSpec module="core" ident="teiCorpus" mode="delete"/>
<elementSpec module="core" ident="time" mode="delete"/>
<elementSpec module="core" ident="unclear" mode="delete"/>
118 <elementSpec module="dictionaries" ident="dictScrap" mode="delete"/>
<elementSpec module="dictionaries" ident="entryFree" mode="delete"/>
<elementSpec module="dictionaries" ident="case" mode="delete"/>
<elementSpec module="dictionaries" ident="colloc" mode="delete"/>
<elementSpec module="dictionaries" ident="gram" mode="delete"/>
123 <elementSpec module="dictionaries" ident="hom" mode="delete"/>
<elementSpec module="dictionaries" ident="hyph" mode="delete"/>
<elementSpec module="dictionaries" ident="iType" mode="delete"/>
<elementSpec module="dictionaries" ident="lang" mode="delete"/>
<elementSpec module="dictionaries" ident="lbl" mode="delete"/>
128 <elementSpec module="dictionaries" ident="mood" mode="delete"/>
<elementSpec module="dictionaries" ident="number" mode="delete"/>
<elementSpec module="dictionaries" ident="oRef" mode="delete"/>
<elementSpec module="dictionaries" ident="oVar" mode="delete"/>
<elementSpec module="dictionaries" ident="orth" mode="delete"/>
133 <elementSpec module="dictionaries" ident="pRef" mode="delete"/>
<elementSpec module="dictionaries" ident="pVar" mode="delete"/>
<elementSpec module="dictionaries" ident="per" mode="delete"/>
<elementSpec module="dictionaries" ident="pron" mode="delete"/>
<elementSpec module="dictionaries" ident="stress" mode="delete"/>
138 <elementSpec module="dictionaries" ident="syll" mode="delete"/>
<elementSpec module="dictionaries" ident="tns" mode="delete"/>
<elementSpec ident="gramGrp" module="dictionaries" mode="change">
  <classes>
    <memberOf key="model.entryPart"/>
    <memberOf key="model.entryPart.top"/>
    <memberOf key="model.formPart"/>
    <memberOf key="model.gramPart"/>
    <memberOf key="att.lexicographic"/>
  </classes>
148 <content xmlns="http://www.tei-c.org/ns/1.0">

```

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<rng:ref xmlns:rng="http://relaxng.org/ns/structure/1.0" name="pos"/>
<rng:zeroOrMore xmlns:rng="http://relaxng.org/ns/structure/1.0">
  <rng:choice>
    <rng:text/>
153     <rng:ref name="model.gLike"/>
    <rng:ref name="model.phrase"/>
    <rng:ref name="model.inter"/>
    <rng:ref name="model.gramPart"/>
    <rng:ref name="model.global"/>
158   </rng:choice>
  </rng:zeroOrMore>
</content>
</elementSpec>
<elementSpec ident="superEntry" module="dictionaries" mode="change">
163   <content xmlns:rng="http://relaxng.org/ns/structure/1.0"
    xmlns:a="http://relaxng.org/ns/compatibility/annotations/1.0"
    xmlns="http://www.tei-c.org/ns/1.0">
    <rng:oneOrMore xmlns:rng="http://relaxng.org/ns/structure/1.0">
      <rng:ref xmlns:rng="http://relaxng.org/ns/structure/1.0" name="entry"/>
168    </rng:oneOrMore>
    </content>
  </elementSpec>
<elementSpec ident="entry" module="dictionaries" mode="change">
173   <content xmlns:rng="http://relaxng.org/ns/structure/1.0"
    xmlns:a="http://relaxng.org/ns/compatibility/annotations/1.0"
    xmlns="http://www.tei-c.org/ns/1.0">
    <rng:group xmlns:rng="http://relaxng.org/ns/structure/1.0">
      <rng:ref xmlns:rng="http://relaxng.org/ns/structure/1.0" name="form"/>
      <rng:ref xmlns:rng="http://relaxng.org/ns/structure/1.0" name="sense"/>
178    </rng:group>
    </content>
  </elementSpec>
<elementSpec ident="xr" module="dictionaries" mode="change">
183   <classes>
    <memberOf key="model.entryPart"/>
    <memberOf key="model.entryPart.top"/>
    <memberOf key="model.global"/>
    <memberOf key="att.lexicographic"/>
  </classes>
188 </elementSpec>
<elementSpec ident="form" module="dictionaries" mode="change">
  <attList>
    <attDef ident="type" mode="replace" usage="req">
      <desc>classifies form as lemma (line), headword or simple.</desc>
193     <datatype>
      <rng:ref xmlns:rng="http://relaxng.org/ns/structure/1.0"
        name="data.enumerated"/>
      </datatype>
      <valList type="closed">
198       <valItem ident="lemma">
        <gloss>lemma, containing the headword</gloss>
        </valItem>
        <valItem ident="headword">
          <gloss>the headword itself</gloss>
203        </valItem>
        <valItem ident="simple">
          <gloss>single free lexical item</gloss>
          </valItem>
        </valList>
208     </attDef>
  </attList>
  <content xmlns="http://www.tei-c.org/ns/1.0">
    <rng:choice xmlns:rng="http://relaxng.org/ns/structure/1.0">
      <rng:group>
213       <rng:ref xmlns:rng="http://relaxng.org/ns/structure/1.0"
        name="gramGrp"/>
        <rng:ref xmlns:rng="http://relaxng.org/ns/structure/1.0" name="form"
          />
      </rng:group>
218     <rng:zeroOrMore xmlns:rng="http://relaxng.org/ns/structure/1.0">
      <rng:choice>
        <rng:text/>
        <rng:ref name="model.gLike"/>
        <rng:ref name="model.phrase"/>

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223         <rng:ref name="model.inter"/>
        <rng:ref name="model.formPart"/>
        <rng:ref name="model.global"/>
        </rng:choice>
    </rng:zeroOrMore>
228 </rng:choice>
    </content>
</elementSpec>
<elementSpec ident="sense" module="dictionaries" mode="change">
    <classes>
233     <memberOf key="model.entryPart"/>
     <memberOf key="model.noteLike"/>
     <memberOf key="att.lexicographic"/>
    </classes>
    <content xmlns="http://www.tei-c.org/ns/1.0">
238     <rng:zeroOrMore xmlns:rng="http://relaxng.org/ns/structure/1.0">
        <rng:choice>
            <rng:text/>
            <rng:ref name="model.gLike"/>
            <rng:ref name="sense"/>
243     <rng:ref name="model.entryPart.top"/>
            <rng:ref name="model.phrase"/>
            <rng:ref name="model.global"/>
            <rng:group>
                <rng:ref name="form"/>
248     <rng:ref name="sense"/>
            </rng:group>
        </rng:choice>
    </rng:zeroOrMore>
    </content>
253 </elementSpec>
<elementSpec module="core" ident="gloss" mode="delete"/>
<elementSpec module="header" ident="catDesc" mode="delete"/>
<elementSpec module="header" ident="catRef" mode="delete"/>
<elementSpec module="header" ident="category" mode="delete"/>
258 <elementSpec module="header" ident="classCode" mode="delete"/>
<elementSpec module="header" ident="classDecl" mode="delete"/>
<elementSpec module="header" ident="samplingDecl" mode="delete"/>
<elementSpec module="header" ident="taxonomy" mode="delete"/>
263 <elementSpec module="core" ident="biblScope" mode="delete"/>
<elementSpec module="core" ident="milestone" mode="delete"/>
<elementSpec module="header" ident="appInfo" mode="delete"/>
<elementSpec module="header" ident="application" mode="delete"/>
<elementSpec module="header" ident="biblFull" mode="delete"/>
<elementSpec module="header" ident="cRefPattern" mode="delete"/>
268 <elementSpec module="header" ident="correction" mode="delete"/>
<elementSpec module="header" ident="creation" mode="delete"/>
<elementSpec module="header" ident="distributor" mode="delete"/>
<elementSpec module="header" ident="edition" mode="delete"/>
<elementSpec module="header" ident="editionStmt" mode="delete"/>
273 <elementSpec module="header" ident="extent" mode="delete"/>
<elementSpec module="header" ident="funder" mode="delete"/>
<elementSpec module="header" ident="geoDecl" mode="delete"/>
<elementSpec module="header" ident="handNote" mode="delete"/>
<elementSpec module="header" ident="hyphenation" mode="delete"/>
278 <elementSpec module="header" ident="interpretation" mode="delete"/>
<elementSpec module="header" ident="keywords" mode="delete"/>
<elementSpec module="header" ident="langUsage" mode="delete"/>
<elementSpec module="header" ident="language" mode="delete"/>
<elementSpec module="header" ident="namespace" mode="delete"/>
<elementSpec module="header" ident="principal" mode="delete"/>
283 <elementSpec module="header" ident="profileDesc" mode="delete"/>
<elementSpec module="header" ident="projectDesc" mode="delete"/>
<elementSpec module="header" ident="quotation" mode="delete"/>
<elementSpec module="header" ident="refState" mode="delete"/>
288 <elementSpec module="header" ident="refsDecl" mode="delete"/>
<elementSpec module="header" ident="rendition" mode="delete"/>
<elementSpec module="header" ident="segmentation" mode="delete"/>
<elementSpec module="header" ident="seriesStmt" mode="delete"/>
<elementSpec module="header" ident="sponsor" mode="delete"/>
293 <elementSpec module="header" ident="stdVals" mode="delete"/>
<elementSpec module="header" ident="tagUsage" mode="delete"/>
<elementSpec module="header" ident="tagsDecl" mode="delete"/>
<elementSpec module="header" ident="textClass" mode="delete"/>

```



```

298     <elementSpec module="textstructure" ident="docAuthor" mode="delete"/>
    <elementSpec module="textstructure" ident="docDate" mode="delete"/>
    <elementSpec module="textstructure" ident="docEdition" mode="delete"/>
    <elementSpec module="textstructure" ident="docImprint" mode="delete"/>
    <elementSpec module="textstructure" ident="docTitle" mode="delete"/>
303     <elementSpec module="textstructure" ident="imprimatur" mode="delete"/>
    <elementSpec module="textstructure" ident="postscript" mode="delete"/>
    <elementSpec module="textstructure" ident="titlePart" mode="delete"/>
    <elementSpec module="core" ident="ptr" mode="delete"/>
    </schemaSpec>
  </body>
308 </text>
</TEI>

```

Listing 7.5: Description of the schema for baseline encoding (ODD)