

Encoding Names, People, Places and Dates



Names and other references to persons, places and objects appear in most texts. How they appear can very significantly differ

...

"My dear Mr. Bennet," said his lady to him one day, "have you heard that Netherfield Park is let at last?" Mr. Bennet replied that he had not. "But it is," returned she; "for Mrs. Long has just been here, and she told me all about it." Mr. Bennet made no answer.

Pride and Prejudice

■ ■ ■

Now know ye that We have
consented and do by these
Presents signify Our Consent
to the contracting of
Matrimony between Our Most
Dearly Beloved Grandson
Prince William Arthur Philip
Louis of Wales, K.G. and Our
Trusty and Well-beloved
Catherine Elizabeth
Middleton

Names in TEI

TEI provides several ways of marking up names and nominal expressions

<rs> (referring string): any phrase which refers to a person or place, e.g. '*the girl you mentioned*', '*my husband*' etc.

<name>: any lexical item recognized as a proper name e.g. '*Siegfried Sassoon*', '*Calais*', '*John Doe*' etc.

<persName>, **<placeName>**, **<orgName>**: 'syntactic sugar' for `<name type="person">` etc.

A rich **set of elements for the components of such nominal expressions**: e.g. `<surname>`, `<forename>`, `<geogName>`, `<geogFeat>` etc.

POOR **KARL** STIL HASN'T GOT HIS NEW CAR - THERE
SEEMS TO BE A HOLD-UP. THE TAXI IS GOING WELL THOUGHT.
ALASTAIR TELLS US THAT WHEN HE MET THE BUS THAT BENT IN HIS
MUDGUARDS HE GOT SO ANGRY THAT HE TORE THE MAN'S SHIRT! THEN
HE FOLLOWED THE BUS ~~THE~~ **SOLLER** AND CONFRONTED THE DRIVER WITH
A CHAIR. BUT THE MAN OBJECTED THAT A NEW CHAIR WOULD BE

Poor **<name>Karl</name>** still hasn't got his new car - there
seems to be a hold-up. The taxi is going well though.
<name>Alastair</name> tells us that when he met the bus that
bent in his mudguard he got so angry that he tore the mans
shirt! Then he followed the bus
t**<subst>he<add>o</add></subst><name>Soller</name>**
and confronted the driver with

POOR **KARL** STILL HASN'T GOT HIS NEW CAR - THERE
SEEMS TO BE A HOLD-UP. THE TAXI IS GOING WELL THOUGHT.
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MUDGUARDS HE GOT SO ANGRY THAT HE TORE THE MAN'S SHIRT! THEN
HE FOLLOWED THE BUS ~~THE~~ **SOLLER** AND CONFRONTED THE DRIVER WITH
A CHAIR. BUT THE MAN OBJECTED THAT A NEW CHAIR WOULD BE

Poor **<name type="person">Karl</name>** still hasn't got his new
car - there seems to be a hold-up. The taxi is going well
though. **<name type="person">Alastair</name>** tells us that when
he met the bus that bent in his mudguard he got so angry that
he tore the mans shirt! Then he followed the bus
t<subst>he<add>o</add></subst> **<name**
type="place">Soller</name> and confronted the driver with

POOR **KARL** STILL HASN'T GOT HIS NEW CAR - THERE
SEEMS TO BE A HOLD-UP. THE TAXI IS GOING WELL THOUGHT.
ALASTAIR TELLS US THAT WHEN HE MET THE BUS THAT BENT IN HIS
MUDGUARDS HE GOT SO ANGRY THAT HE TORE THE MAN'S SHIRT! THEN
HE FOLLOWED THE BUS ~~THE~~ **SOLLER** AND CONFRONTED THE DRIVER WITH
A CHAIR. BUT THE MAN OBJECTED THAT A NEW CAR WOULD BE

Poor **<persName>Karl</persName>** still hasn't got his new car -
there seems to be a hold-up. The taxi is going well though.
<persName>Alastair</persName> tells us that when he met the
bus that bent in his mudguard he got so angry that he tore the
mans shirt! Then he followed the bus
t<subst>he<add>o</add></subst>
<placeName>Soller</placeName> and confronted the driver with

glass crushed cigarettes, marijuana
At La Junquera got waved through the Customs

At **<placeName>La Junquera</placeName>** got
waved through the **<orgName>Customs</orgName>**
because of our Swiss VD plates: car full of
contraband!

Focus: Persons



Some components of `<persName>`

`<forename>`

`<surname>`

Not to mention...

`<roleName>` e.g. *'Emperor'*

`<genName>` e.g. *'the Elder'*

`<addName>` e.g. *'Hammer of the Scots'*

`<nameLink>` = a link between components, e.g. *'van'*

```
<p>
  <persName>
    <forename>Wilfred</forename>
    <forename>Edward</forename>
    <forename>Salter</forename>
    <surname>Owen</surname>
  </persName>
  did not know
  <persName ref="#jsbach" xml:lang="fr">
    <forename>Jean-Sebastien</forename>
    <surname>Bach</surname>
  </persName>
</p>
```

All this happens
in the `<text>`

...

...

what about the metadata in
the `<teiHeader>` ?

A lot of things can be declared about a person, using the element

```
<person>
```

Let's have a look at some of them

```
<person xml:id="GoldschmidtKarl">
  <persName>
    <forename>Karl</forename>
    <surname>Goldschmidt</surname>
    <addName>
      <forename type="first">Kenneth</forename>
      <forename type="middle">Charles</forename>
      <surname>Gay</surname>
    </addName>
  </persName>
  <birth when="1912-02-12">
    <placeName>Elbefeld</placeName>12 February 1912
  </birth>
  <death when="1995-03-26">
    <placeName ref="#Palma">Palma</placeName>26 March 1995
  </death>
  <sex value="M">male</sex>
  <occupation>Secretary, friend and collaborator of
    <name type="person" ref="#RG">Robert Graves</name>
  </occupation>
  <occupation from="1965" to="1978">Librarian at University Libraries of
    the State University of New York at Buffalo</occupation>
</person>
```

When possible, it is a good practice to provide an identifier for a person from an Authority List, as VIAF (Virtual International Authority File) or the Library of Congress Authority File

```
<person xml:id="ReidAlastair">
  <persName>
    <forename>Alastair</forename>
    <surname>Reid</surname>
  </persName>
  <idno type="VIAF">15102127</idno>
  <idno type="LC-Name-Authority-File">n79085083</idno>
</person>
```

The element `<person>` goes inside the
`<teiHeader>` in the section `<profileDesc>`

```
<teiHeader>
  <fileDesc> ... </fileDesc>
  <profileDesc>
    <particDesc>
      <listPerson>
        <person>
          ... All the information on the
          person ...
        </person>
        <person>
          ... All the information on the
          person ...
        </person>
      </listPerson>
    </particDesc>
  </profileDesc>
</teiHeader>
```


<profileDesc>

What is the <profileDesc> (text-profile description) exactly? It provides a detailed description of non-bibliographic aspects of a text, specifically the languages and sublanguages used, the situation in which it was produced, the participants and their setting.

Here are some of the elements that you may want to use in

<profileDesc>:

```
<profileDesc>
  <langUsage>
    <language
      ident="fr">French</language>
    </langUsage>
  <textDesc n="novel"> ...
  </textDesc>
  <particDesc>
    <listPerson> ...
    </listPerson>
  <settingDesc> ...
  </settingDesc>
  <handNotes> ...
  </handNotes>
</profileDesc>
```

List of persons in another file

Another possibility is to store `<listPerson>` in another file.

We can point to the external file using the tag `<include>` (not a TEI element, we borrow it from the W3C standard XInclude) and the attribute `@href`. . .

```
<profileDesc>
  <particDesc>
    <include href="../../../auxiliary/listPerson.xml"/>
      <!-- xmlns="http://www.w3.org/2001/XInclude" -->
    </particDesc>
  </profileDesc>
```

In the <teiHeader>

```
<listPerson>
<person xml:id="GoldschmidtKarl">
  <persName>
    <forename>Karl</forename>
    <surname>Goldschmidt</surname>
  </persName>
  ... etc ...
</person>
<person xml:id="ReidAlastair">
  <persName>
    <forename>Alastair</forename>
    <surname>Reid</surname>
  </persName>
</person>
</listPerson>
```

In the <body>

Poor

```
<persName>Karl</persName>
still hasn't got his new car -
there seems to be a hold-up.
The taxi is going well though.
<persName>Alastair</persName>
tells us ...
```

How to link them?

How to link them?

Poor

<persName ref="#GoldschmidtKarl">Karl</persName>

still hasn't got his new car - there seems to be a hold-up. The taxi is going well though.

<persName ref="#ReidAlastair">Alastair</persName>

tells us

@ref and @key

Every element which is a member of the *att.naming* class inherits two attributes from the *att.canonical* class:

@key provides an **externally-defined** means of identifying the entity (or entities) being named, using a **coded value** of some kind

@ref provides an explicit means of locating a full definition for the entity being named by means of one or more **URIs**

Arguably, **@key** is redundant, since **@ref** is defined as anyURI, this can point from the name instance to the **@xml:id** of metadata about the entity, prefixing it with a '#' if in the same file, or use a private URI syntax.

```
<persName ref="#ReidAlastair">Alastair</persName>
<persName key="VIAF-15102127">Alastair</persName>
<persName ref="http://viaf.org/viaf/15102127/">Alastair</persName>
```

Focus: places



POOR **KARL** STILL HASN'T GOT HIS NEW CAR - THERE
SEEMS TO BE A HOLD-UP. THE TAXI IS GOING WELL THOUGHT.
ALASTAIR TELLS US THAT WHEN HE MET THE BUS THAT BENT IN HIS
MUDGUARDS HE GOT SO ANGRY THAT HE TORE THE MAN'S SHIRT! THEN
HE FOLLOWED THE BUS ~~THE~~ **SOLLER** AND CONFRONTED THE DRIVER WITH
A CHA-DIA BUT THE MAN OBJECTED THAT A NEW CHA-DIA WOULD BE

What about Soller?

<place>

What can we declare about a place? Here are some possibilities.

```
<place xml:id="Soller">
  <placeName>Soller</placeName>
  <location>
    <geo>39.767069 2.715787</geo>
  </location>
  <location type="geopolitical">
    <settlement>Soller</settlement>
    <region>Majorca</region>
    <region>Balearic Islands</region>
    <country>Spain</country>
  </location>
</place>
```


Running in on **Ascension Day** after a fabulous night with
Harry & Nicki on **The Vercors** in their farmhouse, we kept at
about 60-70 k.p.h. Little French cars shot by us, and at near
Montelimar, from which we sent you some nougat,

Running in on **Ascension Day**, after a fabulous night with
<persName>Harry</persName> &
<persName>Nicki</persName> on the
<placeName>Vercors</placeName> in their farmhouse, we kept at
about 60-70 k.p.h <add place="margin">on the
<placeName>Narbonne road</placeName></add>.
Little French cars shot by us, and near
<placeName>Montelimar</placeName>, from which we send you some
nougat, we came on a pile up of six of them.

Some features
of
<placeName>

```
<place xml:id="Vercors">
  <placeName>
    <geogName>Vercors</geogName>
    <geogFeat>Massif</geogFeat>
  </placeName>
  <location>
    <geo>44.969985 5.419979</geo>
  </location>
  <location type="geopolitical">
    <country>France</country>
  </location>
</place>
<place xml:id="USA">
  <placeName>United States of America</placeName>
  <placeName full="abb">USA</placeName>
</place>
```

Some features of <location>

```
<place xml:id="NarbonneRoad">
  <placeName>Narbonne Road</placeName>
  <placeName>Via Domitia</placeName>
  <location>
    <country>France</country>
  </location>
</place>
<place xml:id="Montelimar">
  <placeName>Montelimar</placeName>
  <location>
    <geo>44.556944 4.749496</geo>
  </location>
  <location>
    <settlement>Montelimar</settlement>
    <region>Rhône-Alpes</region>
    <country>France</country>
  </location>
</place>
```

<settingDesc>

The element **<place>** goes inside the **teiHeader**. All **<place>** elements are gathered in a **<listPlace>**, inside the **<settingDesc>** (setting description). This information is part of the **<profileDesc>** section in the **<teiHeader>**.

We have already put **<particDesc>** inside **<profileDesc>**!

```
<teiHeader>
  <fileDesc> ... </fileDesc>
  <profileDesc>
    <settingDesc>
      <listPlace>
        <place> ... Information on the place ... </place>
        <place> ... Information on the place ... </place>
      </listPlace>
    </settingDesc>
  </profileDesc>
</teiHeader>
```

List of places in another file

Another possibility is to store `<listPlace>` in another file. We can point to the external file using the tag `<include>` (not a TEI element, we borrow it from the W3C standard XInclude) and the attribute `@href`. . .

Please note that we must specify the XML NameSpace for the tag `<include>`:
`xmlns="http://www.w3.org/2001/XInclude"`

```
<profileDesc>
  <particDesc>
    <include href="../../../auxiliary/listPerson.xml"/>
      <!-- xmlns="http://www.w3.org/2001/XInclude" -->
  </particDesc>
  <settingDesc>
    <include href="../../../auxiliary/listPerson.xml"/>
      <!-- xmlns="http://www.w3.org/2001/XInclude" -->
  </settingDesc>
</profileDesc>
```

In the <teiHeader>

```
<profileDesc>
  <settingDesc>
    <listPlace>
      <place xml:id="Vercors">
        <placeName>
          <geogName>Vercors</geogName>
          <geogFeat>Massif</geogFeat>
        </placeName>
        <location>
          <geo>44.969985 5.419979</geo>
        </location>
        <location type="geopolitical">
          <country>France</country>
        </location>
      </place>
    </listPlace>
  </settingDesc>
</profileDesc>
```

In the <body>

... on the
<placeName>Vercors</placeName> in
their farmhouse ...

How to link them?

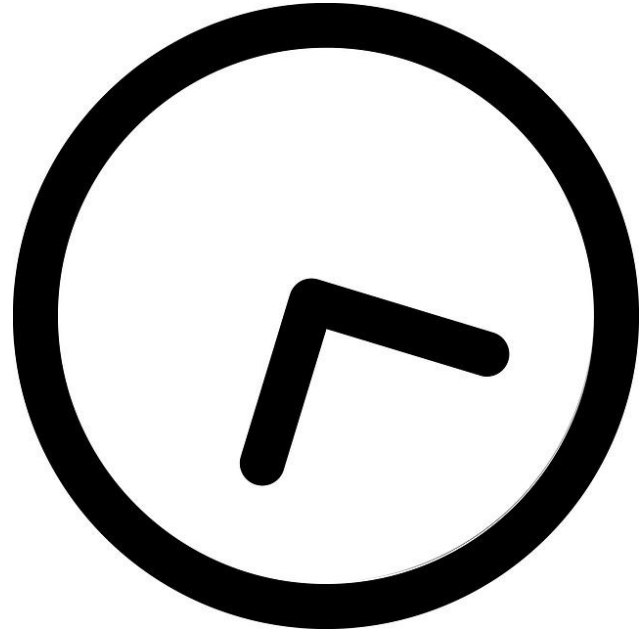
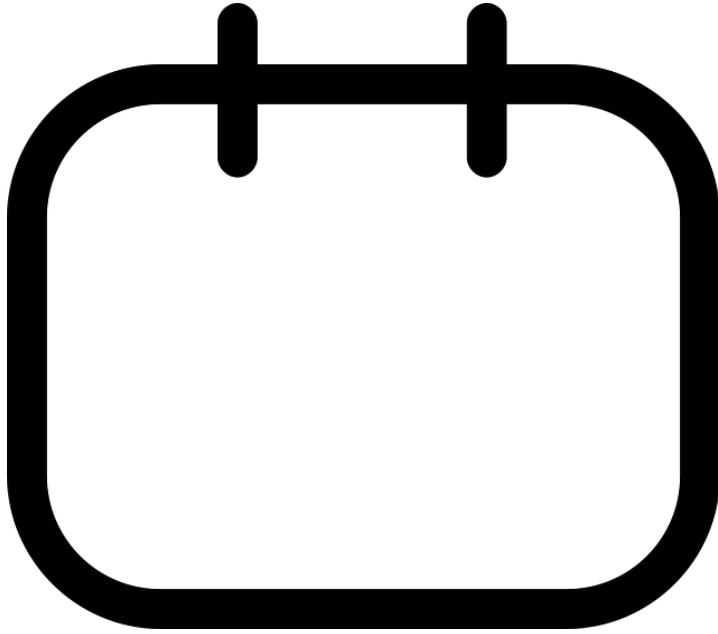
Running in on Ascension Day, after a fabulous night with Harry & Nicki on The Vercors in their farmhouse, we kept at about 60-70 k.p.h. Little French cars shot by us, and at near Narbonne road, Montelimar, from which we sent you some nougat,

Running in on <date when="1959-05-07">Ascension Day</date>, after a fabulous night with <persName>Harry</persName> & <persName>Nicki</persName> on the <placeName ref="#Vercors">Vercors</placeName> in their farmhouse, we kept at about 60-70 k.p.h <add place="margin">on the <placeName ref="#NarbonneRoad">Narbonne road</placeName></add>. Little French cars shot by us, and near <placeName ref="#Montelimar">Montelimar</placeName>, from which we send you some nougat, we came on a pile up of six of them.

Some Greek related resources for identifying persons and places

- <http://www.pbe.kcl.ac.uk> (example: <<http://www.pbe.kcl.ac.uk/data/var/index.htm>>)
Prosopography of the Byzantine Empire
- <http://www.lgpn.ox.ac.uk/online/index.html>
Lexicon of Greek Personal Names
- <https://pleiades.stoa.org> (example: <<https://pleiades.stoa.org/places/97294452>>)
Pleiades

Focus: date and time



<date> contains a date in any format

<time> contains a phrase defining a time of day in any format

Important attributes:

@when supplies the value of the date or time in a standard form, e.g. yyyy-mm-dd

<calendar> indicates the system or calendar to which the date represented by the content of this element belongs

Running in on Ascension Day, after a laborious night with
Harry & Nicki on The Vincors in their farm house, we kept at
about 60-70 k.p.h. Little French cars shot by us, and at near
Montelimar, from which we shot for some way at,

on the
Harbours
road

Running in on

<date when="1959-05-07">Ascension Day</date>

...

W3C Date Formats

All the elements that we have seen in this section are members of the classes *att.dateable.w3c* and *att.duration.w3c*

@when

supplies the value of a date or time in a standard form

@notBefore

specifies the earliest possible date for the event in standard form

@notAfter

specifies the latest possible date for the event in standard form

@from

indicates the starting point of the period in standard form

@to

indicates the ending point of the period in standard form

Information about a person are datable

```
<birth when="1912-02-12">
```

```
<placeName>Elbefeld</placeName>12 February 1912
```

```
</birth>
```

```
<occupation from="1965" to="1978">Librarian at University
```

```
Libraries of the State
```

```
University of New York at Buffalo</occupation>
```

Information about a place are datable

```
<place>
```

```
  <placeName notBefore="1400">Lyon</placeName>
```

```
  <placeName notAfter="0056">Lugdunum</placeName>
```

```
</place>
```

Any question?

