

A guide to Boston city directories and their functionality in the TDL

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Overview:

This document outlines the functionality and the formation of Boston city directories as TEI P4 XML text documents deliverable in the Tufts Digital Library. In general, all encoded components AND non-encoded content needs to appear to the user in its entirety and in its original location and/or reading order within the overall text and individual entry.

Specifications for functionality of directories:

Directories need to appear to the user the same as other TEI texts in the TDL, as stated in "Rules for Behavior for TEI Texts" (text activities.doc). This means that the Directories should:

1. Be searchable both by metadata/search on tags and full text (Element to search category mapping defined in earlier documents.)
2. Be browsable through an interactive TOC as defined in the <refsDecl> statements
3. Be delivered in text chunks as defined in the <refsDecl> statement (To be implemented for all TDL texts) For directories, this corresponds to surname.unit divisions.
4. Have standard navigation and headings within the content area of the user interface even if they are delivered using different XSL or style sheets:
 - a. TOC expands through all defined levels to the level of delivery
 - b. Current chunk is highlighted
 - c. Previously viewed links show changed color
 - d. Heading has Title, Author, Date
 - e. Heading has previous and next section navigation
 - f. Section heading of delivered chunk is listed in brown
5. Illustrations tagged according to specifications
 - a. link in the text body at the point non-full page illustrations exist in the hard copy (if a hard copy exists)
 - b. display in the thumbnail image viewer that links to the cataloged record for that illustration.

or

 - c. Full-page or plate illustrations appear in order which they appear in the source document.
6. Have a link to complete document information. This information is currently taken from the TEI header. In the future it will be taken from the METS dca:desc descriptive cataloging [not illustrated]

7. Have a link to copyright/reproduction rights statement (not currently implemented)

Structuring of Boston city directories' contents TEI P4 XML documents:

The following TEI P4 Elements and attributes (with illustrative values) are used in structuring the Boston city directories. They are listed here roughly in the order they appear within an individual document, and then within individual entries. Some components, such as full-page illustrations or page images of text appear at variable points in the documents and have been included here only one time for illustrative purposes.

DTD, TEI Header and Front Matter:

<head> and <front> matter follow DCA guidelines for TEI texts

Divisions within the body of the directories:

<div1>s

<div1 type="section" rend="page-image" n="full page image title" id="d.year.pi.id">

or

<div1 type="section" n="letter" id="d.year.letter">

<div2>s

<div2 type="page" rend="page-image" n="illustration title" id="fig.id">

<figure rend="page" n="naming service and object ID">

<head>illustration title</head>

<figDesc>illustration description / extended caption</figDesc>

</figure>

</div2>

or

<div2 type="surname.unit" n="surname" id="d.year.su.id">

<div3>s

<div3 type="entry" id="d.year.e.id">

or

<div3 type="see.also" id="d.YYYY.se.id">

<p><rs type="redirect" n="full entry text">

<persName type="current.name" n=""></persName> see <persName type="redirect.name" n=""></persName> (repeated as needed) and <persName type="redirect.name" n=""></persName>
 </rs></p></div3>

Within <div3>s:

The following elements are commonly found within a <div3 type="entry" ...> division. Entries may contain multiple occurrences of persName and orgName elements. They will contain one to and unlimited number of address elements, although the usual occurrences are one to five (the unemployed resident to an organization with numerous branches):

<p>

<persName n="last name, first name, generational data, role/title"> (all elements listed may not be used for each entry)

<surname n="last name">...</surname>

<foreName n="first name/initials, and all other names/initials">...</foreName>

<genName n="generational data">...</genName>

<roleName n="role/title">...</roleName>

</persName>

or

<orgName n="organization's name">organization's name</orgName>

<rs type="occupation" n="type of occupation listed here">occupation</rs> (<rs>may encase orgName, persName, or placeName tags; or it may not be present)

Addresses may also contain qualifiers, such as "corner," "across from," or "near" between two street tags. Tag structure used for these occurrences is <name type="qualifier" n="cor.(etc.)">...</name>. These terms do not need to be indexed, but do need to be present in their original location.

<address n="commercial">

<street n="street number and name"><num>street number</num> street name</street>

</address>

and/or

<address n="commercial.nonBoston">

<street n="street number and name"><num>street number</num> street name</street>

<name><placeName n="settlement name">settlement name</placeName></name>

</address>

and/or

```
<address n="residential">
<name type="residence.type" key="type of residence listed here">type of residing
(boards, house, etc)</name>
<street n="street number and name"><num>street number</num> street name</street>
</address>
```

and/or

```
<address n="residential.nonBoston">
<name type="residence.type" key="type of residence listed here">type of residing
(boards, house, etc)</name>
<street n="street number and name"><num>street number</num> street name</street>
<name><placeName n="settlement name">settlement name</placeName></name>
</address>
```

and/or

Dates of death may be recorded as `<rs type="death">...</rs>`, or they may not be enclosed in tags and appear as part of the paragraph element among or following tagged components

Notes on contents within <div3>s:

To date, military titles and ranks are not encoded.

Components which detail moving to a beyond-Boston locale are not encoded.

Other information included within an entry but not identified as being one of the above documented components may not be encoded.