

SO I WANT TO USE THE TEI... NOW WHAT?

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UBC DH Pixelating Mixer



HI!

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Undergrad in English Honours and Gender Studies @ Uvic

Digital Humanities programmer for projects such as *The Map of Early Modern London*, *Linked Early Modern Drama Online*, and *The Endings Project*

Specialize in TEI, XHTML, and Digital Humanities project development

<https://github.com/joeytakeda>

This workshop: <https://github.com/joeytakeda/teiworkshop>

OVERVIEW

1

(Very quick)
recap of XML
and encoding

2

Introduction to
our primary
source

3

Introduction to
the TEI
Guidelines

4

Introduction to
XML tools

WEBSITE

<https://joeytakeda.github.io/teiworkshop>



XML

Elements have start and end tags:

```
<element>Word</element>
```

If elements have no textual content, then they can look like this (a self-closing element):

```
<element/>
```


WHY DO WE ENCODE?

Interpretation

Usability (text mining, et cetera)

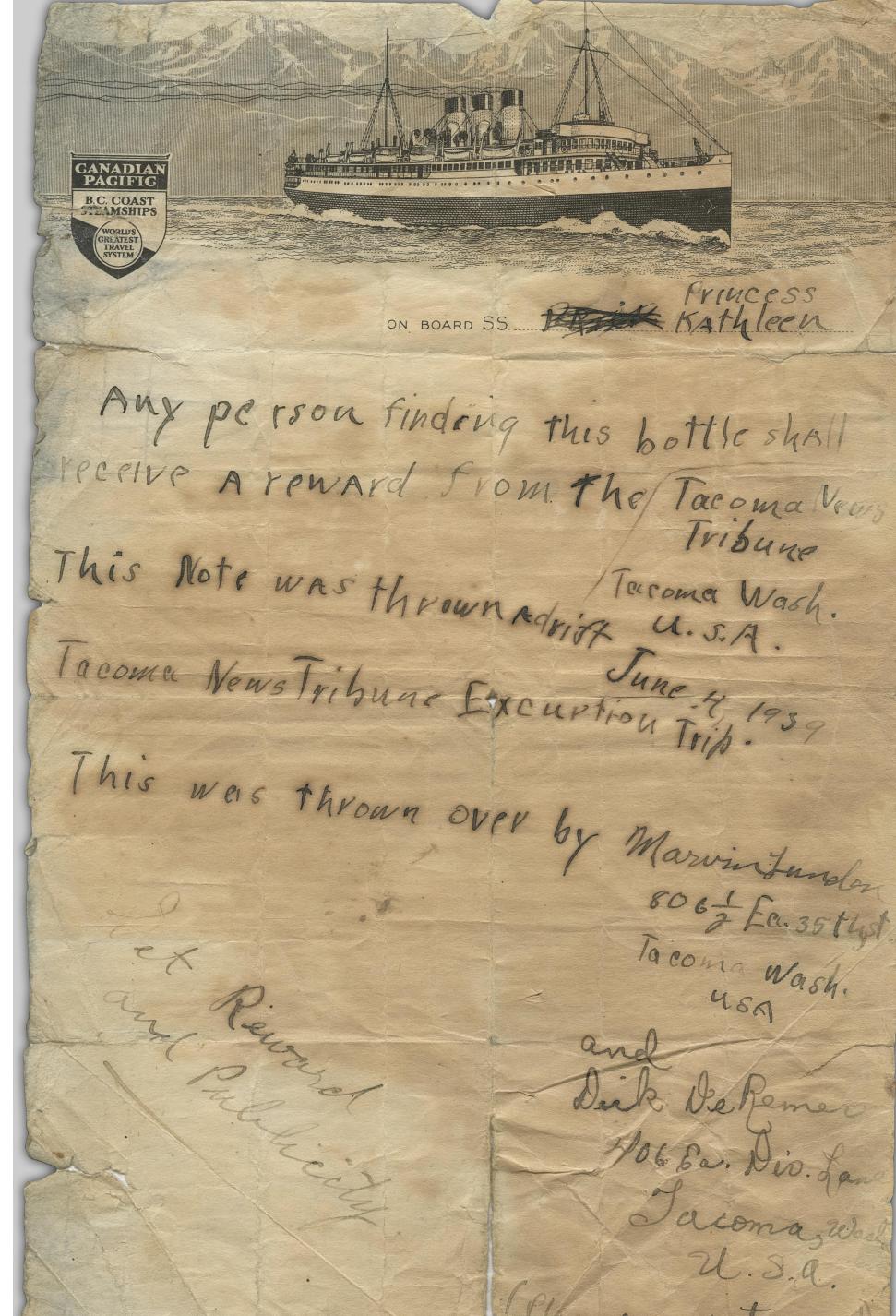
Interoperability

Preservation

WHAT ARE WE ENCODING TODAY?

Description: A letter thrown off of the Princess Kathleen in a bottle, June 4, 1939 by Marvin Lunder and Dick de Remer of Tacoma Washington, and found in October by W[illiam] B. D. Firmming on Whilby Island.

Source: Original Format: University of British Columbia. Library. Rare Books and Special Collections. The Chung Collection. CC-TX-151-18



WHAT ARE SOME FEATURES OF THIS TEXT?

Blocks of text (are they paragraphs?)

Lines

Divisions?

Signatures

Opener/closer

Names

Dates

++++

THE TEI GUIDELINES

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

TEI IS FOR DATA AND METADATA

```
<TEI>
  <teiHeader>
  </teiHeader>
  <text>
    </text>
  </TEI>
```

metadata

data

ELEMENTS

Each element has its own page in the guidelines that includes:

- A definition of the element
- Links to chapters in the TEI guidelines
- What attributes are available on that element
- What elements can contain that element
- What elements can that element contain
- Example uses of that element
- +

EXAMPLE: THE <MONOG> ELEMENT:

<monogr>		Home C Elements
<monogr> (monographic level) contains bibliographic elements describing an item (e.g. a book or journal) published as an independent item (i.e. as a separate physical object). [3.11.2.1 Analytic, Monographic, and Series Levels]		
Module	core — Elements Available in All TEI Documents	
Attributes	att.global (@xml:id, @n, @xml:lang, @xml:base, @xml:space) (att.global.rendition (@rend, @style, @rendition)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.analytic (@ana)) (att.global.facs (@facs)) (att.global.change (@change)) (att.global.responsibility (@cert, @resp)) (att.global.source (@source))	
Contained by	core: biblStruct	
May contain	core: author biblScope editor imprint meeting note ptr ref respStmt textLang title header: authority availability edition extent funder idno sponsor textcrit: witDetail	
Note	May contain specialized bibliographic elements, in a prescribed order. The monogr element may only occur only within a biblStruct , where its use is mandatory for the description of a monographic-level bibliographic item.	
Example	<pre><biblStruct> <analytic> <author>Chesnutt, David</author> <title>Historical Editions in the States</title> </analytic> <monogr> <title level="j">Computers and the Humanities</title> <imprint> <date when="1991-12">(December, 1991)</date> <imprintn> <biblScope>25, 6</biblScope> <biblScope unit="page" from="377" to="380">377-380</biblScope> </imprintn> </monogr> </biblStruct></pre>	Show all

EXAMPLE: THE <MONOG> ELEMENT:

The diagram illustrates the structure of the TEI XML schema. A large green arrow labeled "Definition" points to the first row of the table, which contains general information about the `<monogr>` element. Another green arrow labeled "Definition chapters" points to the second row, which provides specific details about the attributes and contained elements of the `<monogr>` element.

<monogr>	
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Contained by	<code>core: biblStruct</code>
May contain	<code>core: author</code> <code>biblScope</code> <code>editor</code> <code>imprint</code> <code>meeting</code> <code>note</code> <code>ptr</code> <code>ref</code> <code>respStmt</code> <code>textLang</code> <code>title</code> <code>header: authority</code> <code>availability</code> <code>edition</code> <code>extent</code> <code>funder</code> <code>idno</code> <code>sponsor</code> <code>textcrit: witDetail</code>
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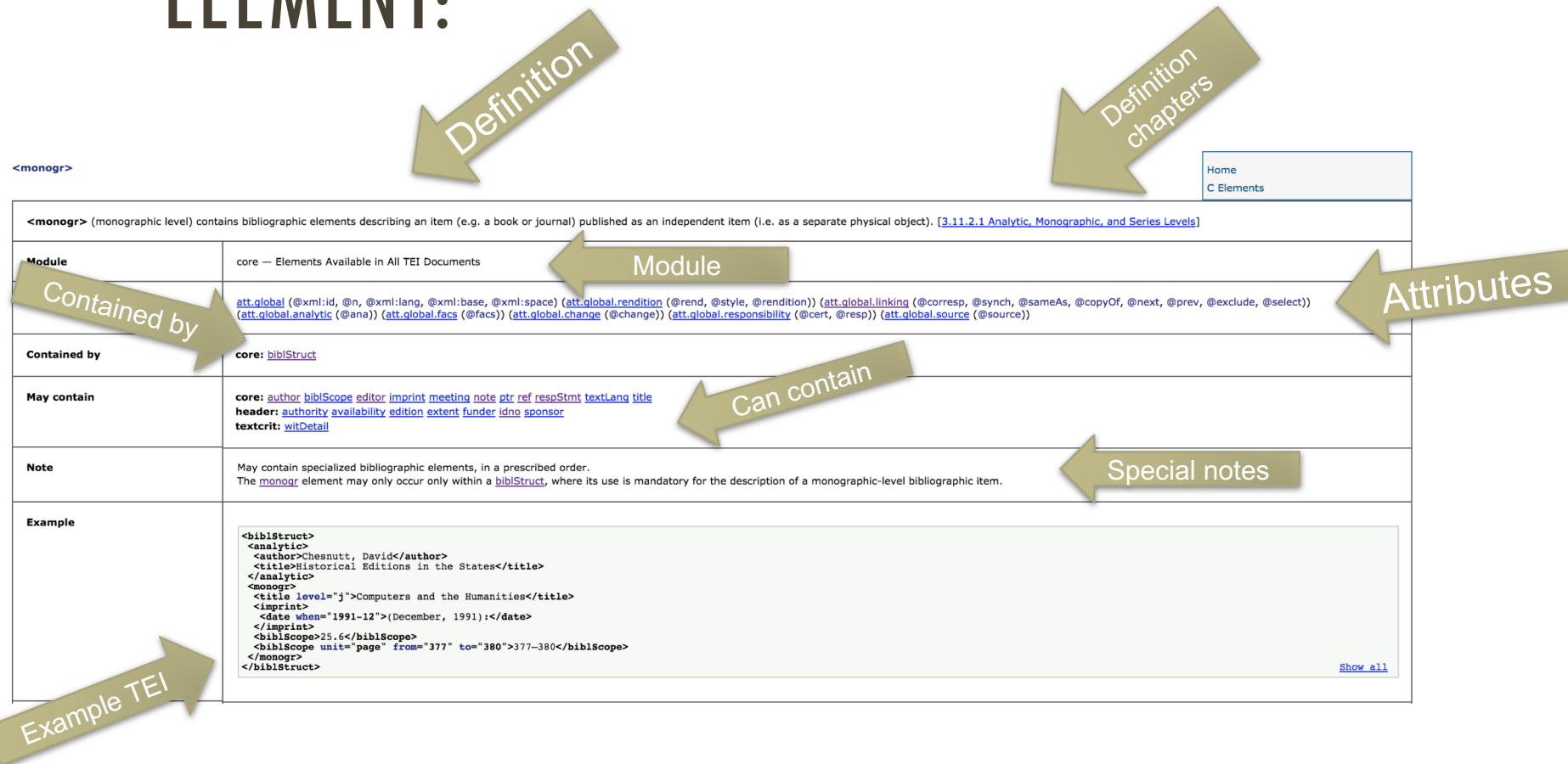
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EXAMPLE: THE <MONOG> ELEMENT:



ACTIVITY (5 MIN)

Look up the following elements:

- <p>
- <ab>
- <opener>
- <closer>
- <msDesc>
- <correspDesc>

Will they work for this? How can we use them?

ENCODING

Open the text editor in one tab, the primary source transcription in another, and, if you want, the image from the UBC Repository

METADATA

Include the title of this document

Include your name by using the <editor> element after the <title>

Put in a link to the source using a <ptr/>

What else could you do?

DATA

Copy and paste the content into the document

What are the organizing divisions? Divs? Paragraphs? Floating text? Anonymous blocks?

WHAT ARE SOME OTHER FEATURES?

Names?

Dates

Notes

Editorial apparatus (if you want)

Hands

Etc

TOOLS

Download your XML file

And now, in the index page, look for the tools:

TEI Validator

TEI Toolkit

OxGarage

VALIDATOR

Validate your file

TOOLKIT

Check your encoding

Convert to a PDF

OXGARAGE

[Convert to a word document](#)

[Convert to a PDF](#)