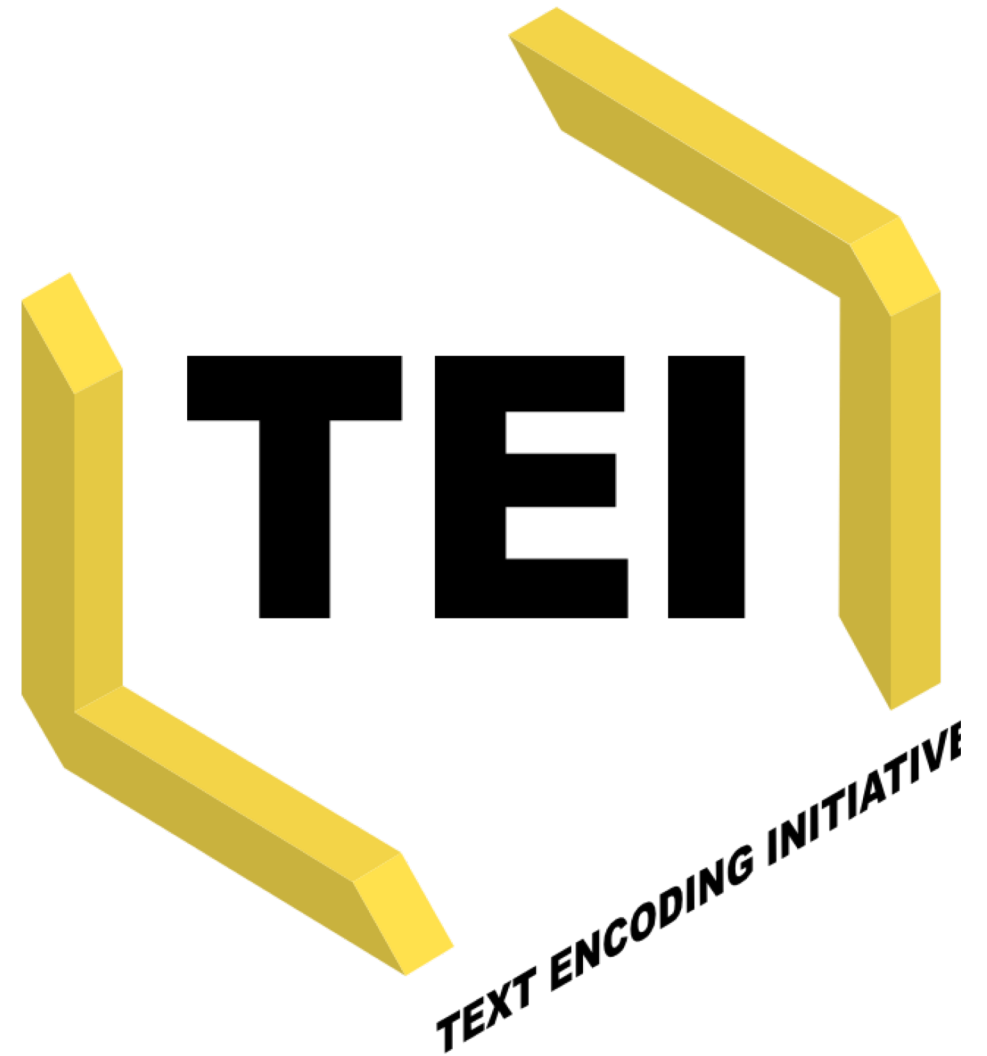


# SO I WANT TO USE THE TEI... NOW WHAT?

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Joey Takeda  
October 25<sup>th</sup>, 2018  
UBC DH Pixelating Mixer



# HI!

Joey Takeda, MA Student, Dept. of English Language and Literatures (Science and Technology Studies Program)

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 EXPLAINED**

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Elements can also have **attributes** and **each attribute must have a value**

- E.g. `<book type= "primary">` has a **type attribute with the value of primary**
- (Think of attributes as you would in everyday life; people don't have "height" or "age" without a value)



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- `<sentence><word>Word1</word></sentence>` is right
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- I.e this bit of XML

```
<book>
```

```
  <chapter></chapter>
```

```
</book>
```

Can be described as “chapter is a child of book” OR “book is a parent of chapter”

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  <chapter></chapter>
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Can be described as “chapter is a child of book” OR “book is a parent of chapter”

## There is **always** a **root** element

- That is, there is always one element that encloses everything

# WHY DO WE ENCODE?

Interpretation

Usability (text mining, et cetera)

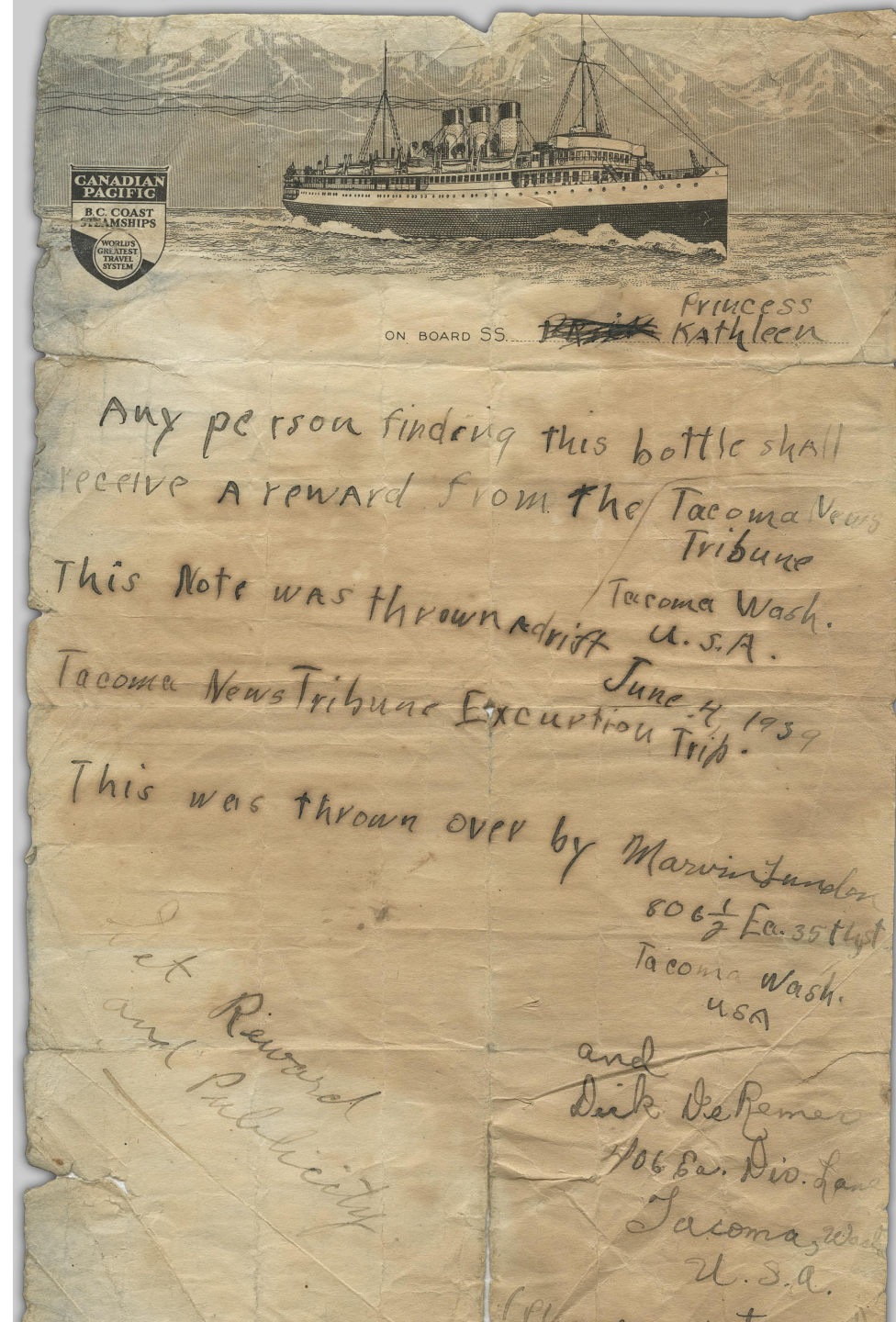
Interoperability

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
- +

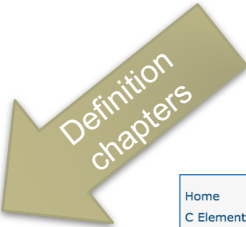
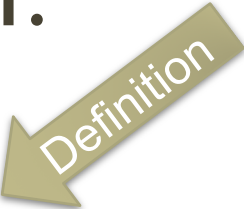
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<monogr>

Home  
C Elements

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Contained by	core: <a href="#">biblStruct</a>
May contain	core: <a href="#">author</a> <a href="#">biblScope</a> <a href="#">editor</a> <a href="#">imprint</a> <a href="#">meeting</a> <a href="#">note</a> <a href="#">ptr</a> <a href="#">ref</a> <a href="#">respStmnt</a> <a href="#">textLang</a> <a href="#">title</a> header: <a href="#">authority</a> <a href="#">availability</a> <a href="#">edition</a> <a href="#">extent</a> <a href="#">funder</a> <a href="#">idno</a> <a href="#">sponsor</a> textcrit: <a href="#">witDetail</a>
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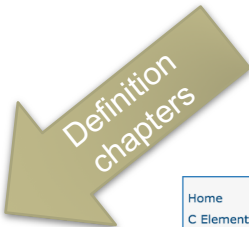
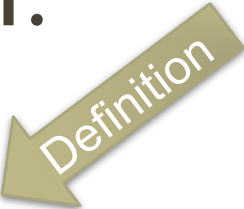


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Definition

Definition chapters

<monogr>

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Module

Contained by

Can contain

Attributes

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# 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

# THANKS!

UBC Libraries, esp. Allan Cho for the invitation!

Martin Holmes, Janelle Jenstad, The Endings Project, and Uvic's Humanities Media and Computing Center