Repetitive tasks are computer tasks

- Oxygen: Ctrl-F > select „regular expression"
- Mark up all words
  - Search for: \b(\w+)\b
  - Replace with <w>$1</w>
- Mark up all lines
  - Search for \s{20}([\S].*?)\n
  - Replace with <l>$1</l>\n

=> Regular Expressions are cool!

Frameworks

Giving you some „default" output of your TEI

Georg Vogeler

There are many – for different purposes:

- Boilerplate (http://dcl.slis.indiana.edu/teibp/)
- Versioning Machine (http://v-machine.org/)
- TEI-Stylesheets (http://www.tei-c.org/Tools/Stylesheets/)
- Edition Visualisation Tool (EVT, http://evt-project.sourceforge.net/)
- TEIChi: a TEI lite integration into Drupal (http://teichi.org)
- …

Boilerplate

- XSL-Stylesheets for simple TEI rendering in the browser
  - Needs a XSL enabled Browser
  - Integrates some basic XSL with CSS and JavaScript

- How to:
  - Download and extract the files
  - (put your TEI file into the content folder)
  - add a reference to the master stylesheet to your TEI file:
    `<?xml-stylesheet type="text/xsl" href="teibp.xsl"?>`
  - open your TEI file with a browser

Stefan George Digital The edition of the lyrical works

The digital edition of the lyrical works of Stefan George

Das Jahr der Seele

page: view page image(s)

ERINNERUNGEN AN EINIGE ABENDE INNERER GESELLIGKEIT

Blumen

In märzentagen streuten wir die samen
Wann unser herz noch einmal heftig litt
An wehen die vom toten jahre kamen
Am lezten kampf den eis und sonne stritt

What is processed?

- "Everything": @*, *
- tei:teiHeader//tei:title
- @rend
- @xml:id
- References: tei:ref[@target], tei:ptr[@target]
- Graphics: tei:figure[tei:graphic[@url]]
- Display descriptions: tei:rendition[@xml:id and @scheme = 'css'], tei:rendition[not(@xml:id) and @scheme = 'css' and @corresp]
- Page breaks with image references: tei:pb[@facs]

Display defined in

- teibp.css
  - creates basic display information for e.g. p, head, note, choice, add
  - empty rule sets: e.g. zone, am, index, g, handDesc, handShift ....
- custom.css
- <rendition> elements with @scheme="css" within the TEI document
- @rend attribute to include inline CSS in TEI documents

How to encode page images

- Relative path to your master file
- E.g.: `<pb n="42" facs="../images/page057.jpg"/>`

Your style definitions

- External css stylesheets:
  - teibp.css includes default styles for the HTML shell and TEI document.
  - custom.css is an empty stylesheet provided as a placeholder for user styles.
- \<rendition> elements with @scheme="css" within the TEI document are used to generate CSS declarations understood by the browser.
- global @rend attribute: include inline CSS in TEI documents.

Template

- teibp.xml

- Use this as a start of a new TEI file gives you basic renditions and structure usable with the boilerplate

- Defines the following renditions:
  bold, italic, underline, normal, mono, super, sub, lowercase, uppercase, capitalize, small-caps, block, block-margins, blockquote, blockquote, blockquote, codeblock, inline, center, left, right, justify, center-block, hang, l-indent-01, l-indent-02, l-indent-03, l-indent-04, l-indent-05, l-indent-06, l-indent-07, l-indent-08, indent, small, x-small, xx-small, large, x-large, xxx-large, bracket, bracket, bracket

Useful for digital editions?

- Transcription of primary sources
  - Add CSS instructions to transcription elements (e.g. add, single ex/am, unclear, damage etc.)
- Critical apparatus
  - Add your own XSL templates
- Embedded transcription/text image linking
  - Add CSS instructions for line and transcription elements
  - Add your own XSL templates for detailed text image linking
- Indexing
  - Add your own XSL templates

TEI-Stylesheets

"This is a family of XSLT 2.0 stylesheets to transform TEI XML documents to various formats, including XHTML, LaTeX, XSL Formatting Objects, ePub, plain text, RDF, JSON; and to/from Word OOXML (docx) and OpenOfice (odt). They concentrate on the core TEI modules which are used for simple transcription and "born digital" writing.

It is important to understand that they do *not*:

a)   cover all TEI elements and possible attribute values

b)   attempt to define a standard TEI processing or rendering model

and should **not** be treated as the definitive view of the TEI Consortium."

https://github.com/TEIC/Stylesheets

(unknown project)

\<Incipit Liber Ordinarius Salisburgensis\>

Table of contents

1.

935 ~~Matutinale~~ officium per omnia ut de apostolis. IV Regem apostolorum[1] euangelistarum. Dominum. PS Uenite. Lectiones de euangelistis Per Sanctum *prophetie[?]* Spiritum pennata animalia subtiliter describuntur. EV Designauit Dominus et alios septuaginta duos. ⟨m.a. et nonum⟩

2. DE UNDECIM MILIBUS UIRGINIBUS <21.10.>

936 <AD UESPERAS> ANSimile est regnum celorum. (IV) PS Laudate pueri. RB Audiui. HY Iesu corona uirginum. VS Letamini. AM Iste sunt prudentes uirgines. (VIII)[2]

937 <AD MATUTINUM> IV Regem regum. HY Iesu corona.

<IN PRIMO NOCTURNO> AN Insignes sponse Christi. (I) PS Beatus. AN Ipse uero integritatem. (VIII) PSQuare fremuerunt. AN Quarum mentium inhabitator. (II) PSCum inuocarem. VSLetamini in Domino. Assumantur lectiones sex[3] de legenda passionis earum. RP Feliciter uirgines. VBeate de prelio. RP Has uirgines. V Nomen ergo sempiternum. RP Innumerabilis. V Ecce florentem.

938 IN SECUNDO NOCTURNO AN Sacratissima uirginitas. (IV) PSUerba. ANIgitur dum nimis hanc dilexit. (V) PS Domine Dominus. AN Una etenim fides sanctas. (VI) PS Domine quis. VS Exultent iusti. RP Simile est regnum. V Surrexerunt omnes. RP Quinque prudentes.V Tunc surrexerunt.RP Media nocte. V   [Page 99ra] Fatue autem non.

How to get it?

- Built in the Oxygen TEI framework
- Download it https://github.com/TEIC/Stylesheets (more recent than the Oxygen built-in version, modifications in particular for critical apparatus)

How to use it?

- (Use the default Oxygen scenario)
- Create your own Framework
  http://www.tei-c.org/release/doc/tei-xsl/#oxygendev
- Create a scenario
  - Copy the default scenario
  - Change the XSL URL to your local copy of the stylesheets:
    {stylesheet-master-location}/html/html.xsl
- Add the stylesheet processing instruction to your TEI file
- Use the Oxgarage <http://www.tei-c.org/oxGarage/>
- Process it with your personal XSL processor

<Incipit Liber Ordinarius Salisburgensis>

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---

apostolorum] **S**; euangelistarum (VO)

] **S**; Da nobis Domine, Deus noster, sanctarum uirginum. (VO)

Assumantur lectiones sex] **S**; Sex lectiones assumantur de [weiter m.a.]sermone qui sic incipitur: Pergite itaque. (VO)

Home

Franz Karl Praßl. Date: 2012-01-18T14:23:00

"simple transcription"

- choice
- del, add, unclear, damage
- gap
- witList, witness

- app, rdg, lem
  - Does not work properly the 7.24.0 version distributed with Oxygen 16.1

- Currently not implemented:
  - Metamark, addSpan, delSpan

Publication Frameworks   IDE/DiXiT Spring School 2015, Graz

How to modify it?

☐ Create your own scenario and click on „edit"

☐ goto Parameter

☐ Explained at http://www.tei-c.org/release/doc/tei-xsl/

☐ Let's try it:
  ☐ switch off table of content
  ☐ pageLayout to Complex
  ☐ filePerPage

☐ It's beta – and Sebastian Rahtz is adding features/fixing bugs almost once a week

Exercise

☐ Download the most recent TEI stylesheet package from
https://github.com/TEIC/Stylesheets ("Download Zip" on the lower
right corner)

☐ Extract it to a folder

☐ Create your conversion scenario

☐ Apply to the example in dropbox/frameworks/tei.xsl (or your
personal file)

☐ Set parameters

  ☐ Add some information on your Project

  ☐ (add footnote back link)

  ☐ change CSS stylesheet to the one in the dropbox/frameworks/tei.xsl

Versioning Machine

- Created by Susan Schreibman, version 4.0 2010
- Display versions of a text in parallel

e.g. George Herbert: The Altar

http://v-machine.org/samples/altar.html

Versioning Machine

- Created by Susan Schreibman, version 4.0 2010
- Display versions of a text in parallel
- select versions
- link between lines
- notes for transcriptional markup and philological commentary (as pop up, as separate pane)

How to use

- Download zip from http://v-machine.org/download.php

- extract to your preferred folder
  and put your TEI file into the sample folder

- reference to the vmachine-Stylesheet located in v-machine-2/src/,

  - direct display by adding
    `<?xml-stylesheet href="../src/vmachine.xsl" type="text/xsl" ?>`
    or

  - create as transformation scenario e.g. in oXygen

Displays

- partial header information
  - fileDesc/titlStmt and fileDesc/publicationStmt
  - notesStmt
  - sourceDesc
  - encodingDesc/projcetDesc, encodingDesc/editorialDecl
- Transcription like add, del, choice (with mouse-over-effect)
  - without a predefined style: <gap>, <damage>, <unclear>, <supplied>, <restore>, <space/>, <handShift/>
- predefined types: *biographical, physical, gloss, critical, contextual*
  - e.g. for notes

Images

☐ use facsimile/graphic with @xml:id:

☐ <facsimile>
<graphic xml:id="f0031"
url="images/george_seele_1897_HS_0025.jpg"/>
<graphic xml:id="f0032"
url="images/george_seele_1897_HS_0026.jpg"/>
<graphic xml:id="f0033"
url="images/george_seele_1897_HS_0027.jpg"/>
</facsimile>

Versions

- based on
    - parallel segmentation encoding or
    - location referenced of variants (needs vmachine_evfl.xsl styling)
- internally encoded
- to be defined in the teiHeader/encodingDesc/variantEncoding
- Needs listWit with witness definitions
- even nested apparatus

Some fancy stuff

- line numbering when using <l>
- witDetail for witness specific notes in the critical apparatus

- Customising
  - src/vmachine.css

Let's try it

- [ ] Download and extract the versioning machine http://v-machine.org/download.php

- [ ] Download the files from dropbox/frameworks/versioning-machine and copy them into the samples folder of the versioning machine

- [ ] create a transformation scenario in Oxygen

- [ ] open the George example in the sample folder and execute it with the transformation scenario

- [ ] Do it with your own data

  - [ ] Check if you have used encoding for a critical apparatus, if not invent one

  - [ ] check if you have described your witnesses in a listWit anywhere in the document

  - [ ] check if your images references are encoded as facsimile/graphic

Edition Visualisation Tool

- Aims at nice disply for text-image-linking
- Used for the Verceli Book edition <http://vbd.humnet.unipi.it/beta/>
- <http://sourceforge.net/projects/evt-project/>

- Roberto Rosselli Del Turco, Giancarlo Buomprisco, Chiara Di Pietro, Julia Kenny, Raffaele Masotti, and Jacopo Pugliese, « Edition Visualization Technology: A Simple Tool to Visualize TEI-based Digital Editions », *Journal of the Text Encoding Initiative* [Online], Issue 8 - PREVIEW | 2014-2015, Online since 28 December 2014, connection on 31 March 2015. URL : http://jtei.revues.org/1077 ; DOI : 10.4000/jtei.1077

Magnifier 🔍 | HotSpot ◯ | TextLink 🔗 | ⊞

DOTR ▾ | 104v ▾ | Interpretative ▾ | 🔍
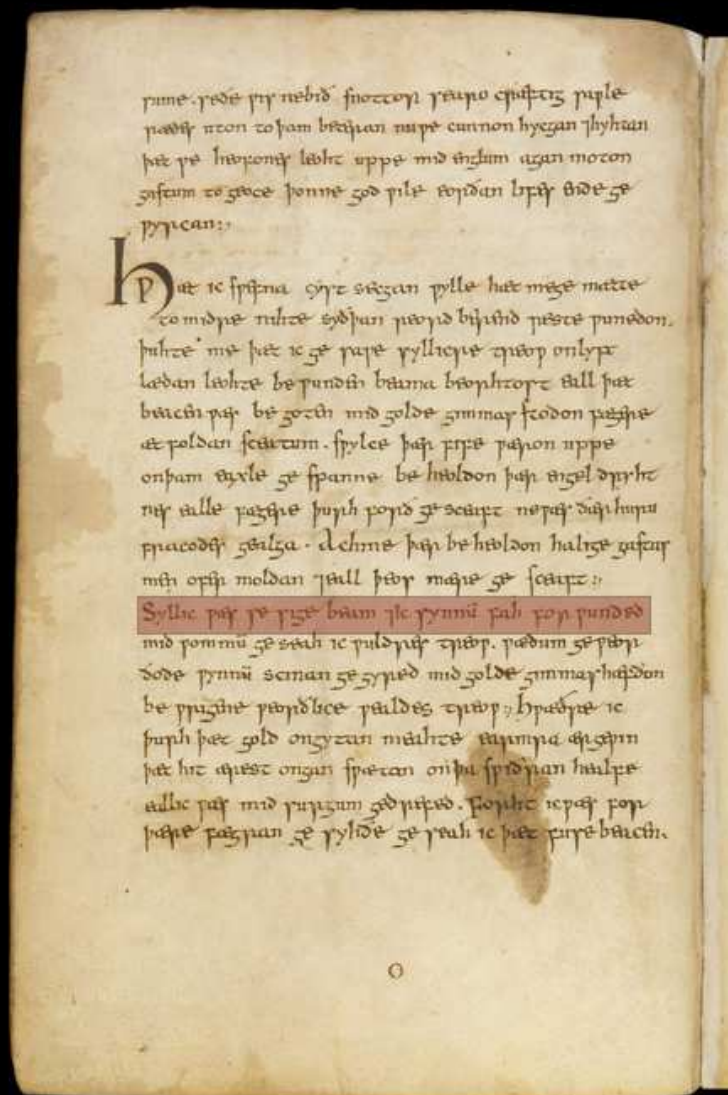
7 Hwæt ic swefna cyst secgan wylle hæt me gemætte

8 to midre nihte syðþan reordberend reste wunedon.

9 þuhte me þæt ic gesawe syllicre treow on lyft

10 lædan leohte bewunden beama beorhtost eall þæt

11 beacen wæs begoten mid golde gimmas stodon fægere

12 æt foldan sceatum . swylce þær fife wæron uppe

13 on þam eaxlegespanne beheoldon þær engel dryht

14 nes ealle fægere þurh forðgesceaft ne wæs ðær huru

15 fracodes gealga . ac hine þær beheoldon halige gastas

16 men ofer moldan and eall þeos mære gesceaft .

17 Syllic wæs se sigebeam and ic synnum fah forwunded

18 mid wommum geseah ic wuldres treow. wædum geweor

19 ðode wynnum scinan gegyred mid golde gimmas hæfdon

20 bewrigene weorðlice wealdes treow . hwæðre ic

21 þurh þæt gold ongytan meahte earmra ærgewin

22 þæt hit ærest ongan swætan on þa swiðran healfe

23 eall ic wæs mid þurgum gedrefed . Forht ic wæs for

24 þære fægran gesyhðe geseah ic þæt fuse beacen.

1:1 ⇕ ⊖ ━━━● ⊕ 38%