Exercises for the TextGridLab

Workshop preparation

Exercise 1: Join the etherpad for today's workshop:
`https://etherpad.de.dariah.eu/p/TextGrid_DARIAH-DE_Vienna_2016`

First Steps in TextGrid

Exercise 2: If you have not installed the *TextGrid Laboratory* on your computer yet, please unpack the Lab into a directory on your local hard disk.

Exercise 3: If you have never logged into the TextGridLab, please log in and change your user data. **IMPORTANT:** To protect your data from illicit access, please change your password as well.

Exercise 4: *Search* your *projects* and the public data in the *TextGrid Repository* for the term `Verne` successively. Discuss the different results.

Exercise 5: Use the *Help* functions to get a general idea of the available Search options.

Object Administration

Exercise 6: Create a project `TEI Vienna <NAME>` replacing `<NAME>` by your surname. Search for other participants of the workshop and provide them with the `observer` *role*, then grant the course instructor `project manager` rights. Remove the access rights from the course instructors afterwards.

Exercise 7: Copy all *objects (both items and aggregations)* from the project `TEI 2016` to your own project.

Exercise 8: *Export* the XML files from the aggregation `XML` to your local hard disk. Survey the result. After having created a new project, re-*import* these files from your local hard disk to the new project.

Exercise 9: Extend the metadata of your project by the item `editor`. Configure the item to be repeatable, but not mandatory. Save the metadata.

Enhancing the Lab

Exercise 10: Go to the *Eclipse Marketplace* (under *Help*) to check for available modules. Select the SADE plug-in for installation and follow the steps described by the Lab. If you have an oXygen license key, repeat this procedure with oXygen.

Working with the XML Editor

Exercise 11: Create a copy of `Around the World in Eighty 80 Days III` from the aggregation `XML`. Associate a schema with the copied XML document.

Exercise 12: Transcribe the missing text in the copied XML document. Use the Unicode character table to insert characters that are not accessible via keyboard.

Exercise 13: Change the layout of your text e. g. by applying the stylesheet `verne`. To display all placenames in a certain color (e. g. blue), change the stylesheet.

Exercise 14: Apply the stylesheet `csv` to generate a list of placenames.

Text Image Link Editor

Exercise 15: Open one of the images in the corresponding aggregation (Hint: To create links with the itinerary table, we recommend the use of the images `German_9` and `German_10`.). Mark some text passages in the first image (`German_9` is recommended) using *rectangular shapes,* then *link* these shapes to the corresponding text segments. After having linked all shapes, save the result into a separate object in your project.

Exercise 16: Open the next image (`German_10` is recommended) and create a rectangle for the first two lines. Then create further shapes by *cloning* the previous one (and resizing it if needed). Repeat this process for all speakers above the table, then link the new shapes to the corresponding text in the transcription.

Exercise 17: Use the *layer editor* to create *layers* with different colors of your choice and name them according to the speakers. Save the result of your work.

Exercise 18: Create a *polygon shape* for the itinerary table in the image and link it to the table in the text. Save again.

Search the TextGrid Repository

Exercise 19: Search your projects for the term `Verne` once again. Discuss the result differing from exercise 3.

Exploring and annotating your data in the TextGridRep

Exercise 20: Choose a text from the TextGridRep (e. g. Verne) and explore it with *DigiVoy*.

Exercise 21: Choose an image from the TextGridRep (e. g. a title page of Verne's work) and explore it with *DigiLib*.

Exercise 22: To annotate a text (after reading the Disclaimer `annotation.de.dariah.eu`), log in with your account at `annotation.de.dariah.eu/textgridrep/` (organisation `DARIAH-Test`) and choose a text.

DARIAH-DE Geo-Browser and Datasheet-Editor

Step 1: Import `placenames` from Jules Verne's novel into the Datasheet-Editor, either by importing the CSV file, or by copying & pasting it into the right column.

Step 2: Apply the `Geolocation completion` service.

Step 3: Add either `time stamps` or `time spans` for each entry.

Step 3: Visualize your enriched data in the Geo-Browser.

SADE – Scalable Architecture for Digital Editions

Create a new project in SADE

Step 1: Open `sade.textgrid.de/` in your browser. In the black menu bar on the top, click `Registrieren` on the right.

Step 2: Enter a unique project name in the field `Projektname`, e. g. `<NAME>-vienna-2016-project1` replacing `<NAME>` by your surname. Then enter a unique user name in the field `Ihr Name`, e. g. `<NAME>-vienna-1` replacing `<NAME>` again. The project cannot be created unless both names are unique.

Step 3: Enter your (valid) e-mail address to receive your login data, then click `generate-secure-password`.

Step 4: Agree to the Terms of Service and Privacy Policy and click `Daten absenden`. Check your e-mail for your login data.

Prepare your SADE instance in the TextGridLab

Step 5: Register your SADE user data (from your e-mail) in the SADE plug-in in the Lab:

Windows / Linux: `Window` > `(User) Preferences` > `SADE Publisher`
MacOS: `TextGridLab` > `Preferences` > `SADE Publisher`

Enter `URL`, `User` and `Password` from your e-mail, then click `OK`.

Explore the SADE Publish View in the TextGridLab

Step 6: Click the world icon in the Lab to activate the *SADE-Publish view*.

Step 7: To publish data, select a *collection* in the *Navigator* and click `Publish to SADE` in the context menu. Your selection will be displayed in the newly opened view under `Publish objects`. After clicking `Publish`, a green check mark will confirm a successful publication.

Step 8: To view and explore your SADE instance, click `View your instance` in your registration e-mail.

Modify configurations

Step 9: Click `Configuration` in your registration e-mail. Log in with your login data in the upper right by copying your user name and password from your registration e-mail.

Step 10: Change the following snippet

```
<param key="textgrid.user">TODO</param>
<param key="textgrid.password">TODO</param>
```

into

```
<param key="textgrid.user">Vienna2016</param>
<param key="textgrid.password">phileasfogg</param>
```

and save the changes.

Keep in mind: If you publish data from your own project, you have to add the user `Vienna2016` as an observer to your project by searching `*vienna*`.

IMPORTANT: Do not enter your personal account data here!

Explore your results

Step 12: Click `View your instance` in your registration e-mail. Explore your image file and the TEI file as well as the `Search` function.

Further assets

Step 13: To choose a different project title, click `Configuration` in your registration e-mail. Change

```
<param key="project-title"><NAME>-vienna-2016-project1</param>
```

into

```
<param key="project-title">Around the world in 80 days</param>
```

and save the changes. Reload your SADE instance to view the changes.

Step 14: To adjust the menu, click `Configuration` in your registration e-mail. Change e. g. a link of a submenu or add a further submenu:

```
<submenu label="weiteres">
  <item label="Geobrowser" link="https://geobrowser.de.dariah.eu/
    ?csv1=http://geobrowser.de.dariah.eu/storage/351952
    &csv2=http://geobrowser.de.dariah.eu/storage/352001"/>
</submenu>
```

Step 15: To create own facets or adjust existing facets, click `Configuration` in your registration e-mail. Below

```
<module key="faceted-search">
  ...
    <param key="facets">
      <facet key="persons" title="Person">
        <xpath>tei:author</xpath>
      </facet>
```

insert

```
      <facet key="speakers" title="Sprecher">
        <xpath>tei:said/@who</xpath>
      </facet>
```

Step 16: To create your own markdown file and link it, create your own text via markdown in exide: `# your text ...`
Save the changes under `/sade-projects/<NAME>maria-vienna-2016/project1/data/verne.md` and link it according to step 14.

```
<item label="my text" link="index.html?id=verne.md"/>
```