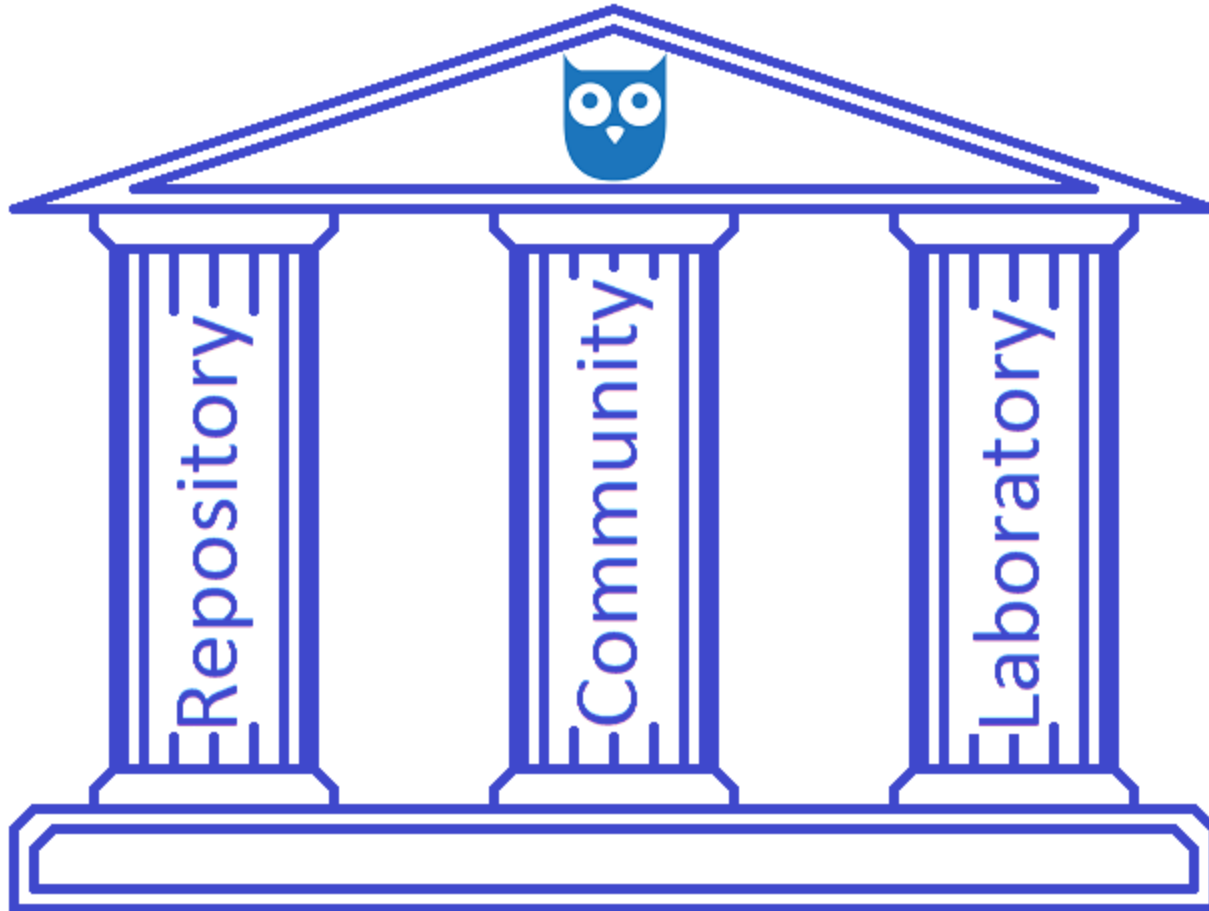




# Around the world in a TextGrid day – Introduction to TextGrid

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# The pillars of TextGrid



- **Training opportunities**
  - Training courses and workshops
    - For projects, in university lectures, ...
  - Bi-annual Users' Meetings („Nutzertreffen“)
- **Help**
  - Online documentation (users manual and context-sensitive help)
  - Tutorials (text and video)
- **Support**
  - Support mailing list
  - TextGrid user forum integrated in the DARIAH portal
  - Bug tracking in *“Chili”*

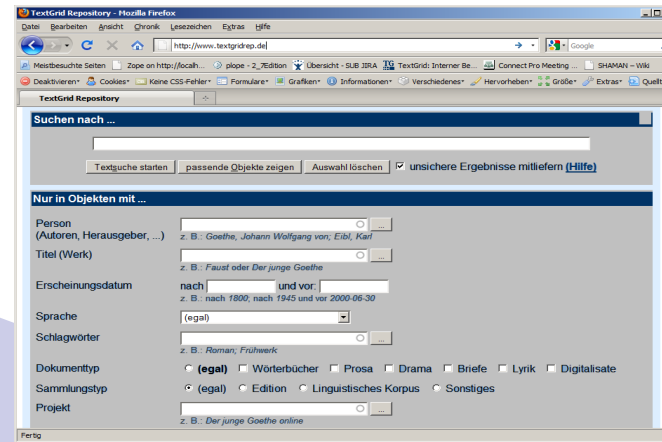
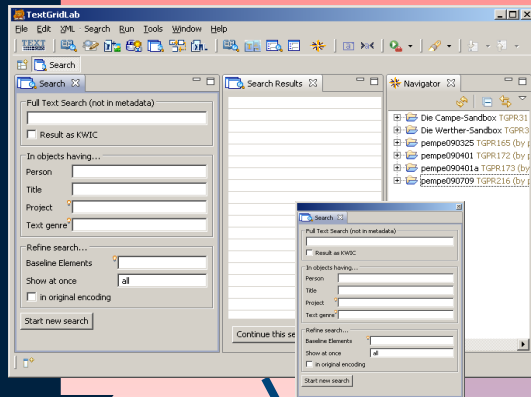
- **TextGridLab**
  - Entrance point to the **Virtual Research Environment**
  - Provides existing tools and services and offers modular extensibility in a **portable software** (without installation)
    - Technical requirements: Java 1.6 installed (+ internet access)
  - Programmed as **open source** software based on Eclipse
- **TextGridRep**
  - Science specific **long term archive** guarantees long term availability and accessibility of research data in the Humanities as well as optimal networking
    - Citability by Persistent Identifier (PID)
    - Results do not “disappear” after projects end

# Searching the Repository

## Eclipse Frontend

## Portal (Search + display)

TextGridLab



- Open interface to search index 2: [www.textgridrep.de](http://www.textgridrep.de)
- Specific portals possible (e. g. for collections)

Ingest 1

TextGridRep

Rights Management

TG-auth\*

Search Index 1

isPublic – TG-publish

- + Metadata validation
- + Persistent Identifier
- + Long-term preservation

Search Index 2

Ingest 2  
TG-publish

- Huge amount of data
- individually adaptable
- + Metadata validation
- + Persistent Identifier
- + Long-term preservation

dynamic

Grid Storage

static

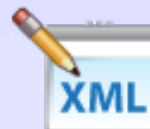
LTP



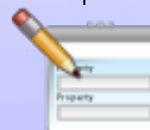
XML Editor



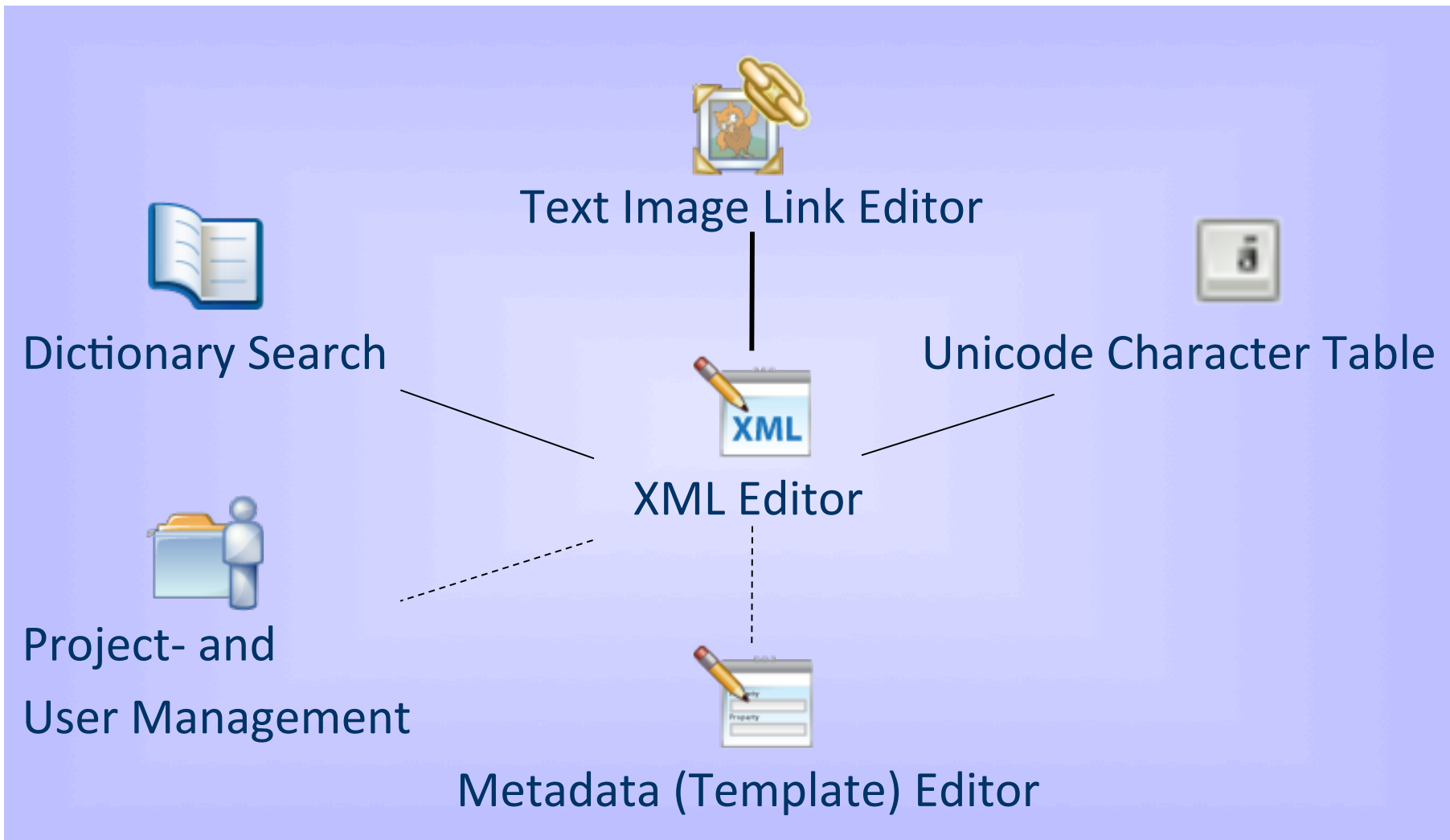
Project- and  
User Management



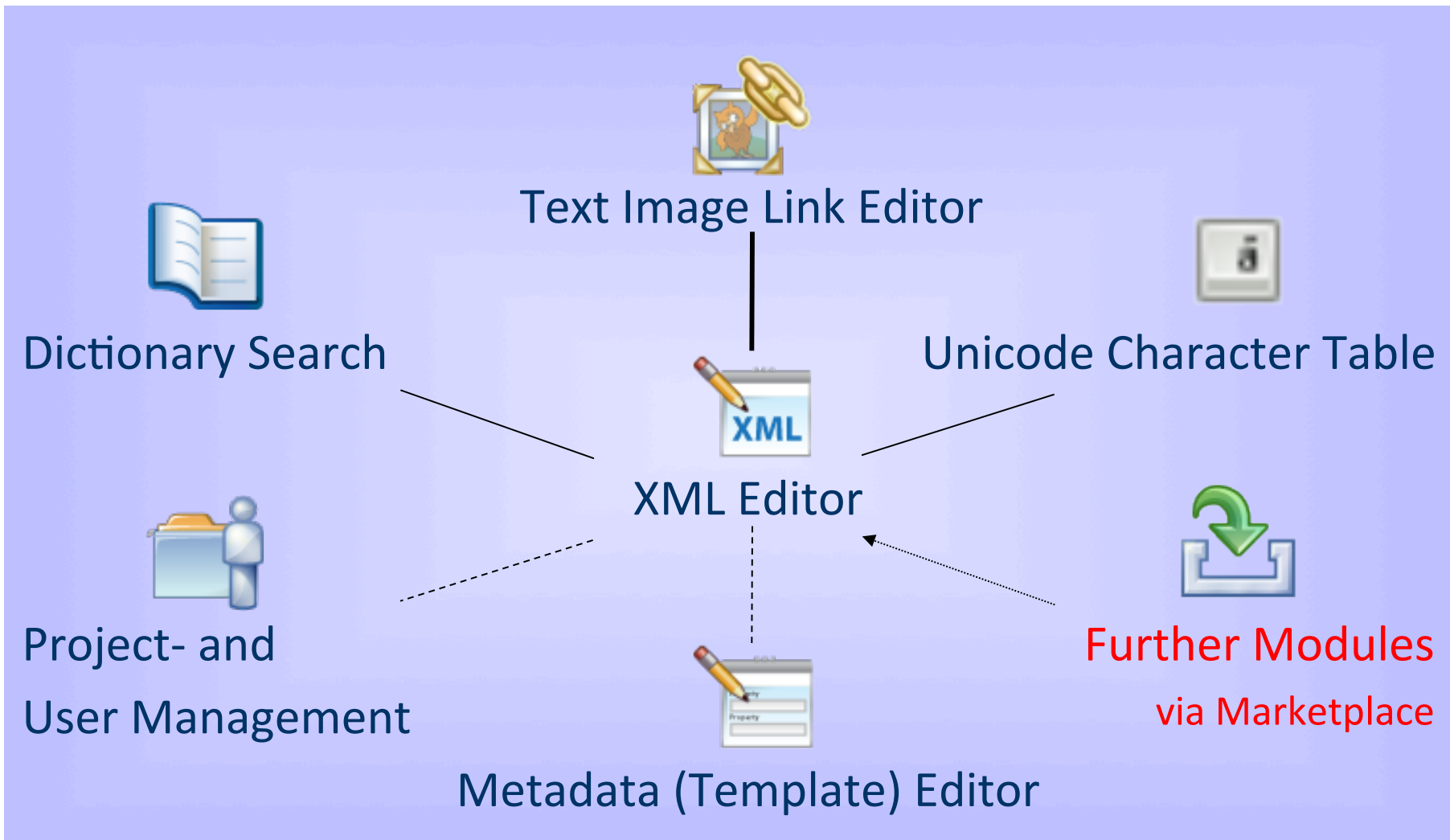
XML Editor

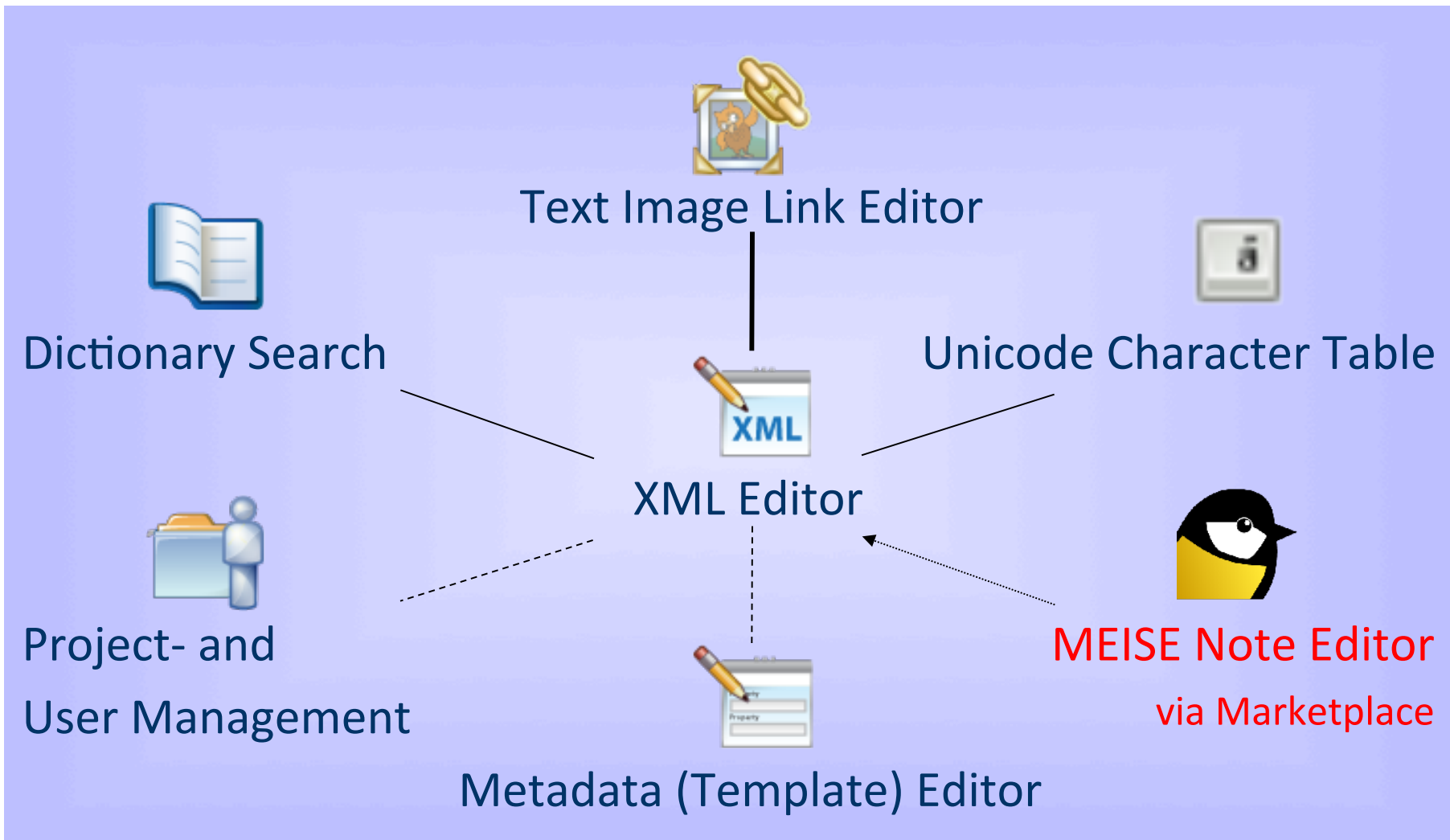


Metadata (Template) Editor









## General tools

Project- & User Management

Navigator

Import and Export

Metadata (Template) Editor

Search

Help

## Organisation and Workflow

Aggregations

Revisions

## Specialist tools

XML Editor

Text Image Link Editor

Unicode Character Table

SADE

DigiLib

Dictionary Search

MEISE

Lemmatizer

...

## General tools

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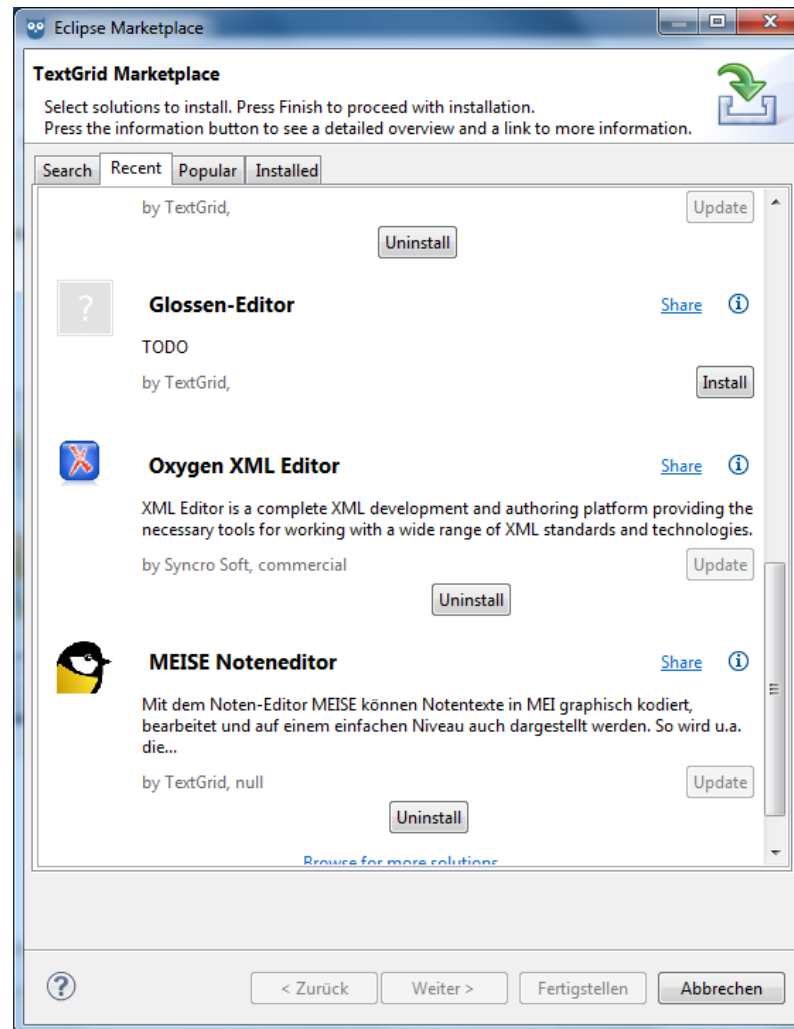
Dictionary Search

MEISE

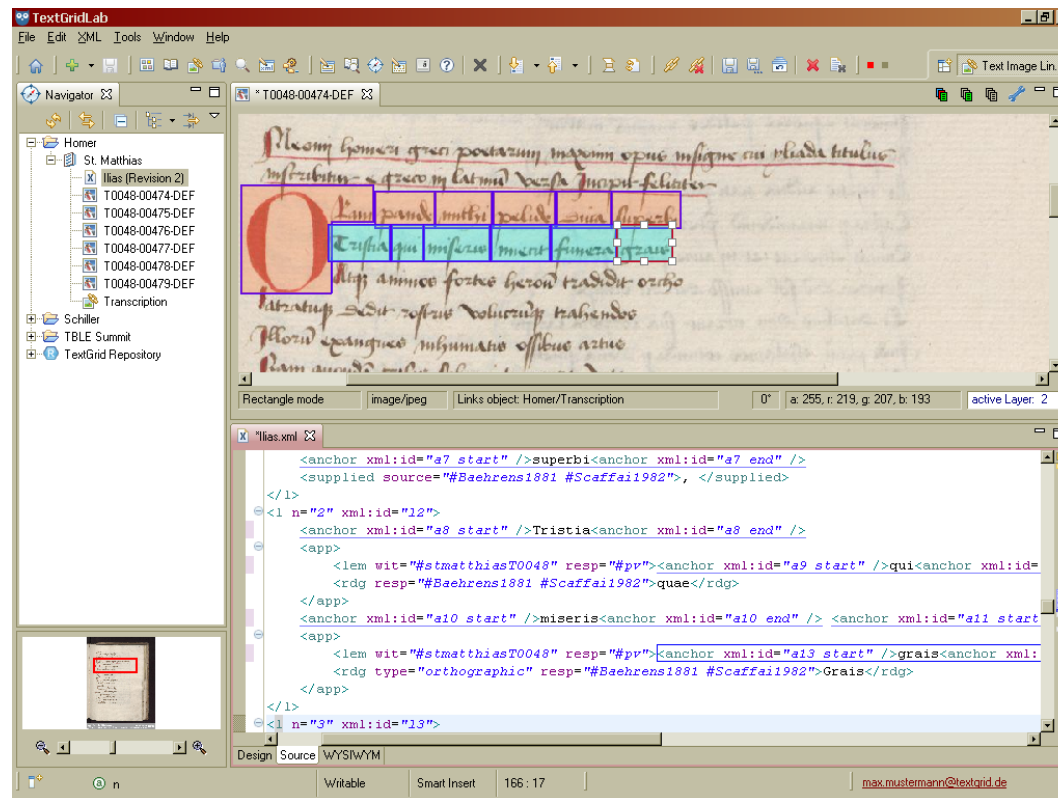
Lemmatizer

...

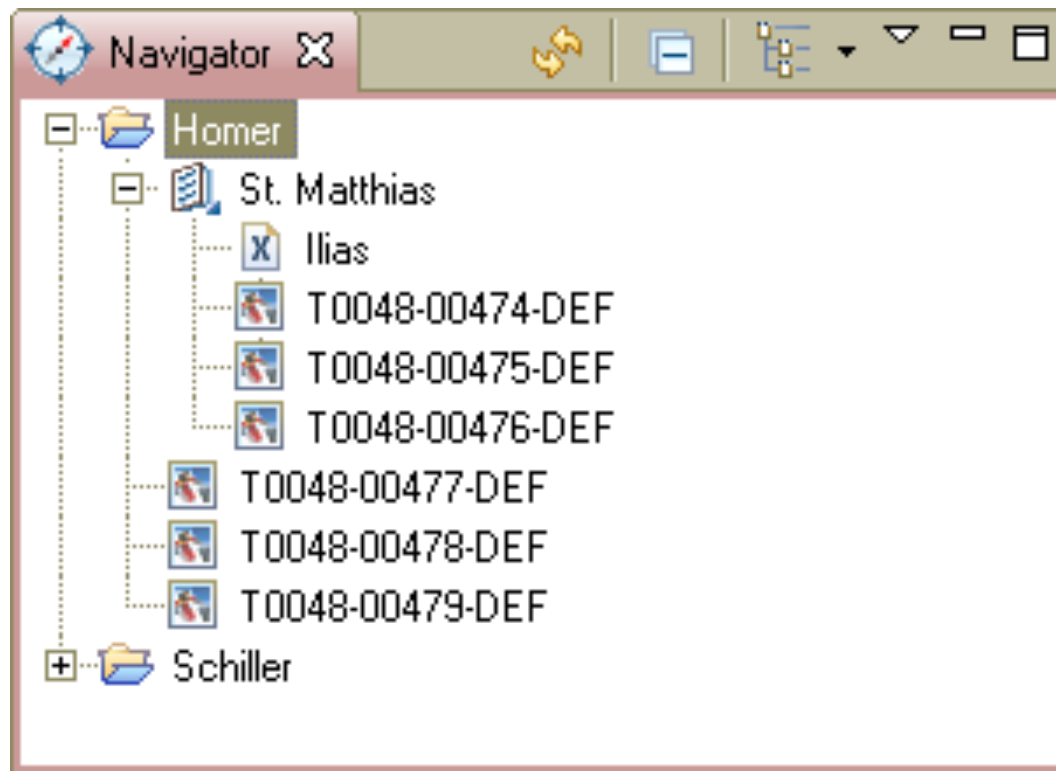
# Marketplace: oXygen and other tools



## Perspectives (windows) and Views (tabulators)



**Projects** (directories) and **Objects** (usually files)



# Role Based Access Control (RBAC)

Role	Rights
Project Manager	Delegate rights Generate and publish resources
Authority to Delete	Delete resources
Editor	Read and write resources
Observer	Read resources



- With TextGrid Objects and relations between Objects can be managed.  
All Objects generally consist of  
Content + Metadata + URI
- The following types of objects can be distinguished
  - Basic Objects (“Items”)
  - Works
  - Aggregations
  - Editions
  - Collections

# Basic Objects (“Items”)

- Items are the standard Objects in TextGrid
- Supported formats
  - XML files
    - and associated with them: DTD, Schema, XSLT, ...
  - Plain text: TXT
  - Image files: PNG, TIFF, GIF, JPG, ...
  - Eclipse and TextGrid specific formats
    - TextGrid Link Object
  - ...
- *Example: XML transcription of a single page of Jules Verne’s “Around the World in Eighty Days”*

- **Works** are individual creation, that can be available in different Editions. In TextGrid, Works consist of a simple metadata set.
- *Example: Jules Verne's "Around the World in Eighty Days"*

**Title(s)**

Title \*

Expositio in Cantica canticorum

Remove

Add additional Title

► **Identifier(s)**

Format \*

text/tg.work+xml

▼ **Agent(s)**

Name

Williram von Ebersberg

Role

author

Identifier (xs:anyURI)

pnd:118633406

Remove

Add additional Agent

▼ **Abstract(s)**

Abstract

Remove

Add additional Abstract

**Date of Creation**

Approximate Gregorian Date \*  
e.g. 2012-05-15 or 1907

1100

- **Aggregations** are TextGrid Objects, that consist of lists of references to other TextGrid Objects.
- *Example: Several XML transcriptions forming a chapter of Jules Verne's "Around the World in Eighty Days"*
- **Editions** are Aggregations, in which a Work becomes manifest.
- *Example: First English translation of Jules Verne's "Around the World in Eighty Days"*
- **Collections** are Aggregations, that accumulate TextGrid Objects by a certain organizational form or with regards to content.
- *Example: An assortment of Jules Verne's short stories*



# Metadata (Template) Editor

Metadata Editor

T0048-00474-DEF

[\*] Mandatory Fields

Title(s)

Title \*

T0048-00474-DEF

Remove

Add additional Title

► Identifier(s)

Format \*

image/peg

► Rights Holder(s)

Notes

▼ Part of Edition(s)

No related Editions found! Please add this item to an Edition. The author's name and other metadata can be entered in the Edition's metadata.

Save Metadata Reload Metadata

Copy TEI Header

Metadata Template Editor

The custom elements

Some elements have invalid names!

Custom Elements

Element Name

Author

Element Type

string

string  
date  
integer  
boolean  
time  
decimal

Element Name

Element Type

string

☐ Repeatable

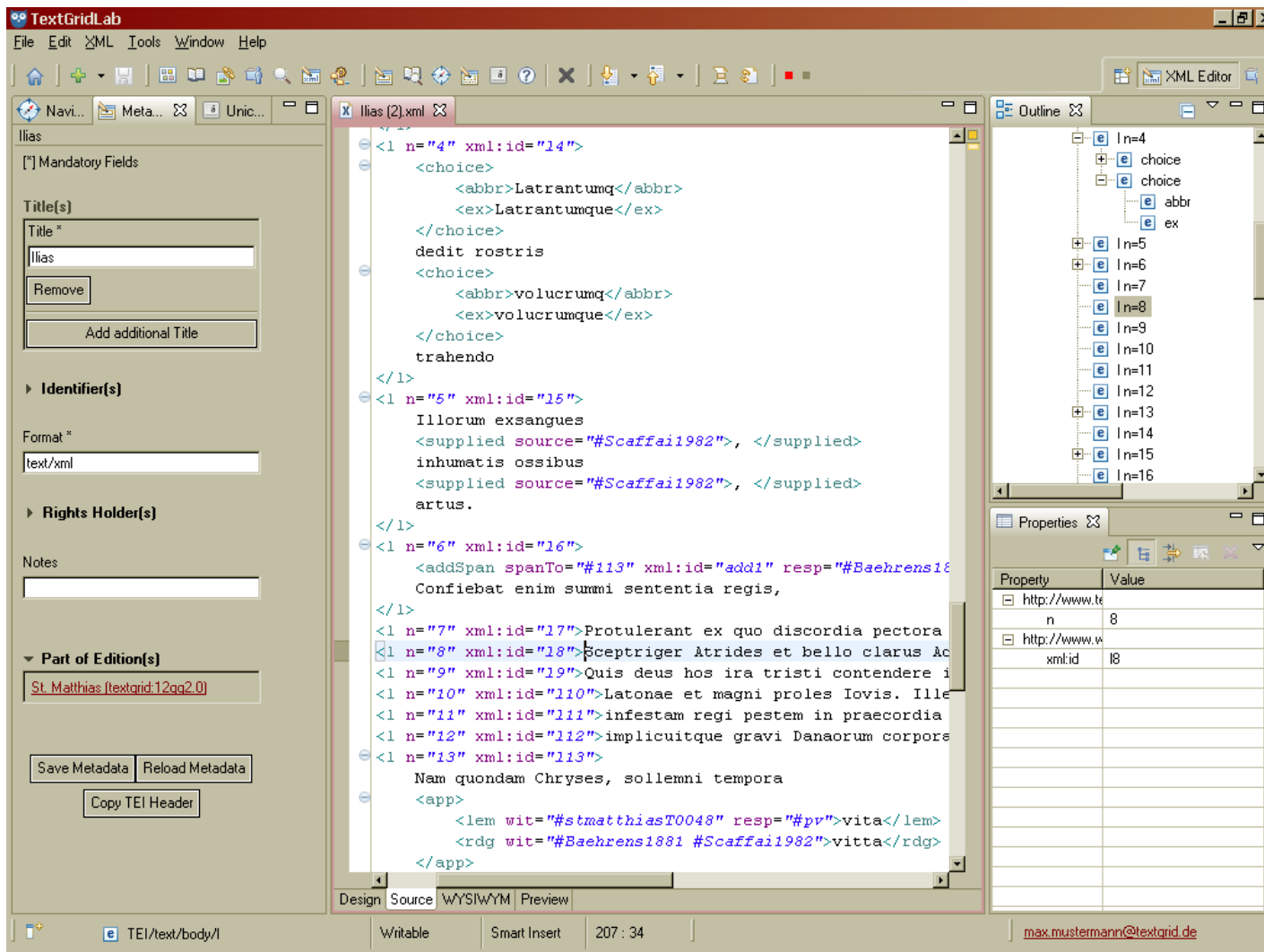
☐ Mandatory

Remove

Add new Element

< Back Next > Finish Cancel

# XML Editor (Source View)



The screenshot displays the TextGridLab XML Editor in Source View. The main window shows a Latin text document with XML tags. The left sidebar contains a 'Mandatory Fields' section with a 'Title(s)' field containing 'Ilias' and a 'Remove' button. Below this is an 'Identifier(s)' section with a 'Format' dropdown set to 'text/xml'. The 'Rights Holder(s)' section is empty. The 'Notes' section is also empty. The 'Part of Edition(s)' section shows 'St. Matthias (textgrid:12qg2.0)'. The bottom of the sidebar has buttons for 'Save Metadata', 'Reload Metadata', and 'Copy TEI Header'.

The main text area displays the following XML content:

```
<1 n="4" xml:id="14">
  <choice>
    <abbr>Latrantumq</abbr>
    <ex>Latrantumque</ex>
  </choice>
  dedit rostris
  <choice>
    <abbr>volucrumq</abbr>
    <ex>volucrumque</ex>
  </choice>
  trahendo
</1>
<1 n="5" xml:id="15">
  Illorum exsanguis
  <supplied source="#Scaffai1982">, </supplied>
  inhumatis ossibus
  <supplied source="#Scaffai1982">, </supplied>
  artus.
</1>
<1 n="6" xml:id="16">
  <addSpan spanTo="#113" xml:id="add1" resp="#Baehrens1881">
    Confiebat enim summi sententia regis,
  </addSpan>
</1>
<1 n="7" xml:id="17">Protulerant ex quo discordia pectora
<1 n="8" xml:id="18">Scepstriger Atrides et bello clarus Ac
<1 n="9" xml:id="19">Quis deus hos ira tristi contendere i
<1 n="10" xml:id="110">Latoniae et magni proles Iovis. Ille
<1 n="11" xml:id="111">infestam regi pestem in praecordia
<1 n="12" xml:id="112">implicuitque gravi Danaorum corpore
<1 n="13" xml:id="113">
  Nam quondam Chryses, sollemni tempora
  <app>
    <lem wit="#stmatthiasT0048" resp="#pv">vita</lem>
    <rdg wit="#Baehrens1881 #Scaffai1982">vitta</rdg>
  </app>
</1>
```

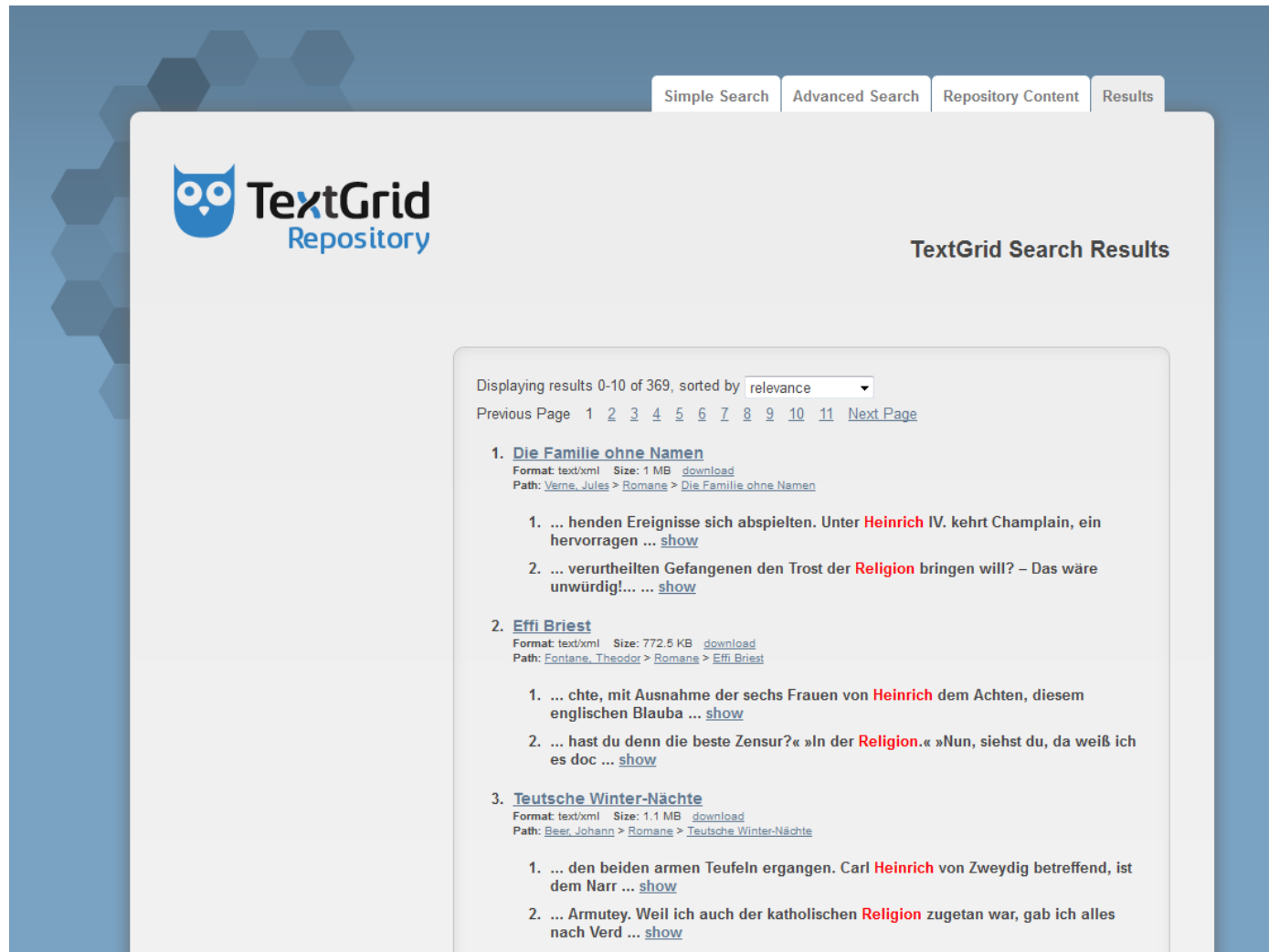
The right sidebar contains an 'Outline' view showing a tree structure of the document elements, including 'ln=4', 'choice', 'abbr', 'ex', 'ln=5', 'ln=6', 'ln=7', 'ln=8', 'ln=9', 'ln=10', 'ln=11', 'ln=12', 'ln=13', 'ln=14', 'ln=15', and 'ln=16'. Below the outline is a 'Properties' view with a table showing properties and values.

Property	Value
http://www.tei-c.org	
n	8
http://www.w3.org	
xml:id	18

The bottom status bar shows the current document path 'TEI/text/body/I', the document type 'WYSIWYM', the page number '207', and the total number of pages '34'. The email address 'max.mustermann@textgrid.de' is also displayed.








The screenshot shows the TextGrid Repository search results page. At the top, there are navigation tabs: 'Simple Search', 'Advanced Search', 'Repository Content', and 'Results'. The 'Results' tab is active. Below the tabs, the TextGrid Repository logo is on the left, and the title 'TextGrid Search Results' is on the right. The main content area displays search results for 'relevance'. It shows a list of results, with the first three being: 1. 'Die Familie ohne Namen', 2. 'Effi Briest', and 3. 'Teutsche Winter-Nächte'. Each result includes its format (text/xml), size, a download link, and its path. The results are sorted by relevance, and the page shows results 0-10 of 369. The first result, 'Die Familie ohne Namen', has two preview snippets: '1. ... henden Ereignisse sich abspielten. Unter Heinrich IV. kehrt Champlain, ein hervorragenden ... show' and '2. ... verurteilten Gefangenen den Trost der Religion bringen will? – Das wäre unwürdigi!... ... show'. The second result, 'Effi Briest', has two preview snippets: '1. ... chte, mit Ausnahme der sechs Frauen von Heinrich dem Achten, diesem englischen Blaubau ... show' and '2. ... hast du denn die beste Zensur?« »In der Religion.« »Nun, siehst du, da weiß ich es doc ... show'. The third result, 'Teutsche Winter-Nächte', has two preview snippets: '1. ... den beiden armen Teufeln ergangen. Carl Heinrich von Zweyedig betreffend, ist dem Narr ... show' and '2. ... Armutey. Weil ich auch der katholischen Religion zugetan war, gab ich alles nach Verd ... show'.

Simple Search Advanced Search Repository Content Results

 **TextGrid**  
Repository

TextGrid Search Results

Displaying results 0-10 of 369, sorted by relevance

Previous Page 1 2 3 4 5 6 7 8 9 10 11 Next Page

1. [Die Familie ohne Namen](#)  
Format: text/xml Size: 1 MB [download](#)  
Path: [Verne, Jules](#) > [Romane](#) > [Die Familie ohne Namen](#)  
  1. ... henden Ereignisse sich abspielten. Unter Heinrich IV. kehrt Champlain, ein hervorragenden ... [show](#)
  2. ... verurteilten Gefangenen den Trost der Religion bringen will? – Das wäre unwürdigi!... ... [show](#)
2. [Effi Briest](#)  
Format: text/xml Size: 772.5 KB [download](#)  
Path: [Fontane, Theodor](#) > [Romane](#) > [Effi Briest](#)  
  1. ... chte, mit Ausnahme der sechs Frauen von Heinrich dem Achten, diesem englischen Blaubau ... [show](#)
  2. ... hast du denn die beste Zensur?« »In der Religion.« »Nun, siehst du, da weiß ich es doc ... [show](#)
3. [Teutsche Winter-Nächte](#)  
Format: text/xml Size: 1.1 MB [download](#)  
Path: [Beer, Johann](#) > [Romane](#) > [Teutsche Winter-Nächte](#)  
  1. ... den beiden armen Teufeln ergangen. Carl Heinrich von Zweyedig betreffend, ist dem Narr ... [show](#)
  2. ... Armutey. Weil ich auch der katholischen Religion zugetan war, gab ich alles nach Verd ... [show](#)

**Any questions?**