

Enriching textual data from digital libraries

Boris Lehečka, lehecka@mzk.cz, boris@daliboris.cz

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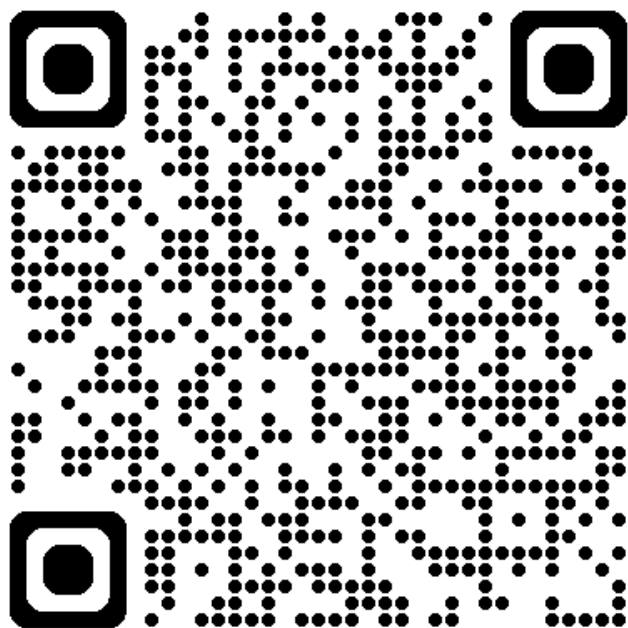
MINISTRY OF CULTURE
CZECH REPUBLIC



Presentation

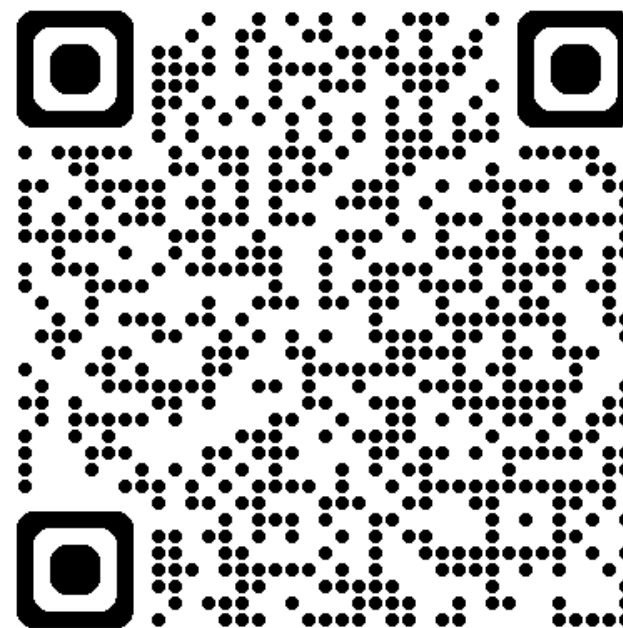
PowerPoint

<https://bit.ly/tei-2025-demo>



PDF

<https://bit.ly/tei-2025-demo-PDF>



National Library of the Czech Republic, <https://www.digitalniknihovna.cz/nkp/search>

NK

National Library of the Czech Republic

Search in public documents in the digital library

Collections

Browse

About

Log in

Results: 1 - 60 / 49455

Advanced Search

Ordering: Recently added

Active filters

Public

Availability

Public

49455

After login

157536

In library

81603

All

287485

Licence

Document Type

Publishing Year

Keyword

Author

Language

Collection

Sbírka výkladů a kázání. 8

Kratochvíl, Václav Jiří

1856

Book

Čytanka dlja rus'koě molodežy. Čast' II. Dlja IV., V., y VI. klas narodných škōl

Vološyn, Avhustyn ĭvanovyč

1925

Book

O pys'mennom jazýčě podkarpatskych Rusynov

Vološyn, Avhustyn ĭvanovyč

1921

Book

Nauka striljannja

Book

Nauka striljannja. 1. 1938-1939

[1938-1939]

Book

Metodyčna hramatyka karpato-rus'koho jazýka : dlja nyzšych klas narodných škōl

Vološyn, Avhustyn ĭvanovyč

1930

Book

Čytanka dlja rus'koě molody. 2, část 4-5

Vološyn, Avhustyn ĭvanovyč

1932

Book

Ne dobro kota v mēchě kupovaty : p'jesa v 3 dějstvijach

Syl'vaj, Sion

1931

Book

CC

BY

SA

CzADH

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19 September 2025

https://bit.ly/tei-2025-demo

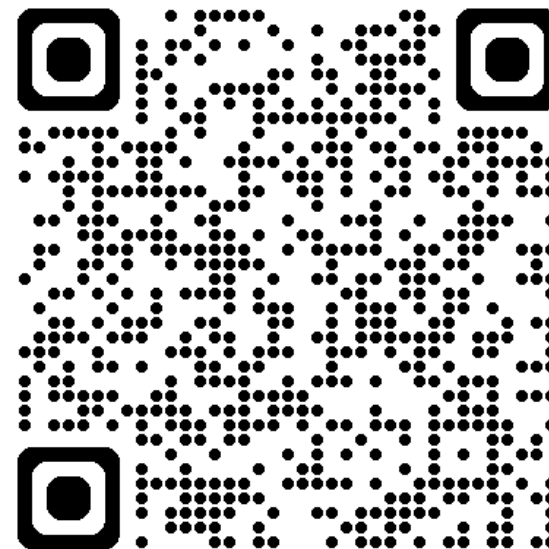
|

https://bit.ly/tei-2025-demo-PDF

BL

DL4DH Feeder

- > graphical interface for working with enriched data from digital library
 - > <https://github.com/LIBCAS/DL4DH-Feeder>



DL4DH Feeder, <https://feeder.nkp.cz/search>

Národní knihovna České republiky
DL4DH Feeder

Search in DL4DH Feeder (word or filter the results)...

Search in K+ Collections About Go to Kramerius Log in

Results: 1 - 100/ 4219

Advanced Search

Language

Publishing Year

Search NameTag

Institutions

Geographical names

Media names

Personal names

Complex person names

Complex time expression

Numbers in addresses

Number expressions

Complex address expression

Complex biblio expression

Artifact names

Time expressions

Pobělohorské elegie. historické povídky

Beneš Třebízský, Václav

1906

Enriched Book

Oheň

Barbusse, HenriJelínek, Hanuš

[mezi 1918 a 1930]

Enriched Book

Nauka o lékařském poklepu a poslechu

Syllaba, Ladislav

1918

Enriched Book

Nauka o lékařském poklepu a poslechu

Syllaba, Ladislav

1925 s.

Enriched Book

Topografie starých Athen

Groh, František

1909

Enriched Book

Husitský král : výjevy z velkého dramatu

Jirásek, Alois

1936

Enriched Book

Export book(s), but only after logging in

Národní knihovna České republiky
DL4DH Feeder

Search in DL4DH Feeder (word or filter the results)...

Search in K+ Collections About Go to Kramerius Log in

Results: 1 - 100/ 4219

Count: 9

Export publications New request

Cancel export/request

Language Publishing Year

Search NameTag Institutions Geographical names Media names Personal names Complex person names Complex time expression Numbers in addresses

Export publications

You need to be logged in to export publications.

Log in

Nauka o lékařském poklepu a poslechu
Syllaba, Ladislav
1918

Nauka o lékařském poklepu a poslechu
Syllaba, Ladislav
1925 s.

Select book(s) for export

Count: 1

Export publications

New request

Cancel export/request

2

Pobělohorské elegie. historické po...

Beneš Třebízský, Václav

1906

Enriched

Book

Oheň

Barbusse, HenriJelínek, Hanuš

[mezi 1918 a 1930]

Enriched

Book

Nauka o lékařském poklepu a posl...

Syllaba, Ladislav

1918

Enriched

Book

1

Nauka o lékařském poklepu a posl...

Syllaba, Ladislav

1925 s.

Enriched

Book

Topografie starých Athen

Groh, František

1909

Enriched

Book

Husitský král : výjevy z velkého dra...

Jirásek, Alois

1936

Enriched

Book

Export to TEI, choose parameters

Export publications ✕

All enriched: **Yes**

ALTO available for all selected publications: [Check](#)

Export name

TEI 2025 Kraków

Format

TEI

Parameters

Limit enrichment to:

ALTO attributes

height ✕ hpos ✕ vpos ✕ width ✕

Choose field

NameTag recognized entities

Numbers in addresses ✕ Geographical names ✕ Institutions ✕ Media names ✕

Number expressions ✕ Artifact names ✕ Personal names ✕ Time expressions ✕

Choose field

udPipe attributes

join ✕ lemma ✕ msd ✕ n ✕ pos ✕

Choose field

Export Cancel

i 1 publications | [Edit](#)

Export request confirmation

The export request was successfully completed. You can check its status on the Exports subpage.

List of export requests

Exports

Name	Created ▼	Status	Format	Actions
export-20250804-012533	18. 09. 2025	Completed	TEI	Show details Download ⬇
export-20250804-011020	18. 09. 2025	Failed	TEI	Show details
export-20250804-010508	18. 09. 2025	Failed	TEI	Show details
export-20250804-004631	18. 09. 2025	Partially finished	TEI	Show details

Download book(s) in TEI

← Národní knihovna České republiky
DL4DH Feeder

Search in DL4

Exports

Name	Created
export-20250804-012533	18. 09. 2
export-20250804-011020	18. 09. 2

Stáhnout „export-20250804-012533.zip“?

Název souboru: export-20250804-012533.zip

Velikost souboru: 1,85 MB

Původ souboru:

Umístění: D:\Temp\TEI-2025

☐ Vždy ukládat soubory do výchozí složky pro stahování

[Uložit](#) [Uložit jako...](#) [Otevřít](#) [Zrušit](#)

Collections About Go to Kramerius administrator

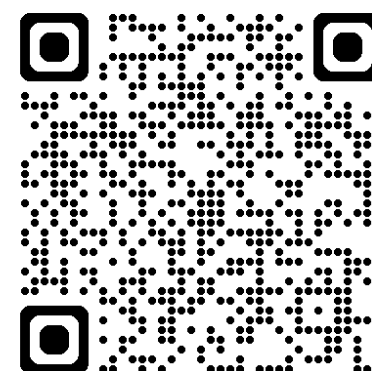
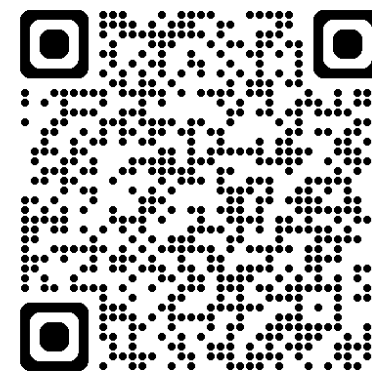
Format	Actions
TEI	Show details Download ⬇
TEI	Show details

Content of the ZIP file

Název	Přípona	Velikost	Datum	Čas
...		ADR	18.09.2025	1:29:56
a3f971e0-8a65-11e2-a920-005056827e51.xml		692 KB	17.09.2025	23:26:18
metadata.csv		33 B	17.09.2025	23:26:18

Kramerus+, DL4DH TEI Converter

- > web application for enrichment administration
 - > enrichment
 - > NLP processing of the text
 - > lemmatization, morphosyntactic analysis, NER (named entity recognition)
 - > publication of enriched data (for users)
 - > processing enrichment requests (by users)
 - > <https://github.com/LIBCAS/DL4DH-Kramerus-plus>
- > DL4DH TEI Converter
 - > <https://github.com/LIBCAS/DL4DH-TEI-Converter>
 - > converts enriched data (server version connected with Kramerus instance)



Kramerius+: enrichment administration

KRAMERIUS+
CLIENT



OBOHACENÍ

ŽÁDOSTI
OBOHACENÍ

PUBLIKACE

ŽÁDOSTI
EXPORTU

UŽIVATELSKÉ
ŽÁDOSTI



ADMINISTRATOR

Vítejte v klientu Kramerius+!

Create enrichment and export to TEI resquest

Nová žádost o obohacení

Název žádosti

Enrich and export books for TEI 2025 Convergence in Krakau (Karel Čapek)

UUID publikací *

uuid:a2021740-c13b-11ec-877e-005056827e51
uuid:5f32bae0-7ec5-11ec-bc36-005056827e51
uuid:6f5a9b80-d74f-11ec-8aba-5ef3fc9bb22f

Profil obohacení

ZÁKLADAKTUALIZACEKOMPLETVLASTNÍ

1Obohacení externími nástroji
Přepsat: Ano, Tolerance chyb v stránkách: 0

2Obohacení TEI
Přepsat: Ano, Tolerance chyb v stránkách: 0

OBOHACENÍ EXTERNÍMI
NÁSTROJI

OBOHACENÍ NDK

OBOHACENÍ TEI

ODESLAT

Request created

Nová žádost o obohacení

Název žádosti

Enrich and export books for TEI 2025 Convergence in Krakau (Karel Čapek)

UUID publikací *

uuid:a2021740-c13b-11ec-877e-005056827e51
uuid:5f32bae0-7ec5-11ec-bc36-005056827e51
uuid:6f5a9b80-d74f-11ec-8aba-5ef3fc9bb22f

Profil obohacení

ZÁKLAD

AKTUALIZACE

KOMPLET

VLASTNÍ

1

Obohacení externími nástroji
Přepsat: Ano, Tolerance chyb v stránkách: 0

2

Obohacení TEI
Přepsat: Ano, Tolerance chyb v stránkách: 0

ODESLÁNO

✓ Operace proběhla úspěšně

Existing requests

KRAMERIUS+
CLIENT

OBOHACENÍ

ŽÁDOSTI
OBOHACENÍ

PUBLIKACE

ŽÁDOSTI
EXPORTU

UŽIVATELSKÉ
ŽÁDOSTI

ADMINISTRATOR

Filtrování

UUID Publikace

Název

Vytvořil

Stav

FILTROVAT

ZRUŠIT VÝBĚR

OZNAČIT ČÁSTEČNĚ SELHANÉ

OZNAČIT SELHANÉ

OBOHATIT OZNAČENÉ (0)

<input type="checkbox"/>	Vytvořeno	Vytvořil	Název	Publikace v žádosti	Stav žádosti	Akce
<input type="checkbox"/>	18. 9. 2025 2:21:28	administrator	Enrich and export books for TEI 2025 Converenc...	uuid:5f32bae0-7ec5-11ec-bc36-005056827e5...	Běží	DETAIL
<input type="checkbox"/>	11. 9. 2025 1:00:24	administrator	Obohacování digitální knihovny NK 02500 (C# Re...		Zrušena	DETAIL

Request details

Detail žádosti o obohacení

ZRUŠIT ŽÁDOST

Základní informace

Autor	administrator
Dátum vytvoření	18.09.2025 02:32:20.339
Název	Enrich and export books for TEI 2025 Convergence in Krakau (Karel Čapek)
Inicializační úloha	COMPLETED
Stav žádosti	Běží
Obhacované publikace	ZOBRAZIT

Konfigurace úloh žádosti

1. Úloha	2. Úloha
Typ úlohy	Obhacení externími nástroji
Přepsat	ANO
Chybová tolerance	0

Položky žádosti

UUID Publikace	Název publikace	Model
uuid:6f5a9b80-d74f-11ec-8aba-5ef3fc9bb22f	Obyčejný život	Monografie
uuid:5f32bae0-7ec5-11ec-bc36-005056827e51	Hovory s T.G. Masarykem	Monografie
uuid:a2021740-c13b-11ec-877e-005056827e51	Krakatit : Román	Monografie

Plány ve zvolené položce

	Pořadí	UUID Publikace	Název publikace	Model
^	1	uuid:6f5a9b80-d74f-11ec-8aba-5ef3fc9bb22f	Obyčejný život	Monografie
🔍		Obhacení externími nástroji	STARTED	
🔍		Obhacení TEI	CREATED	



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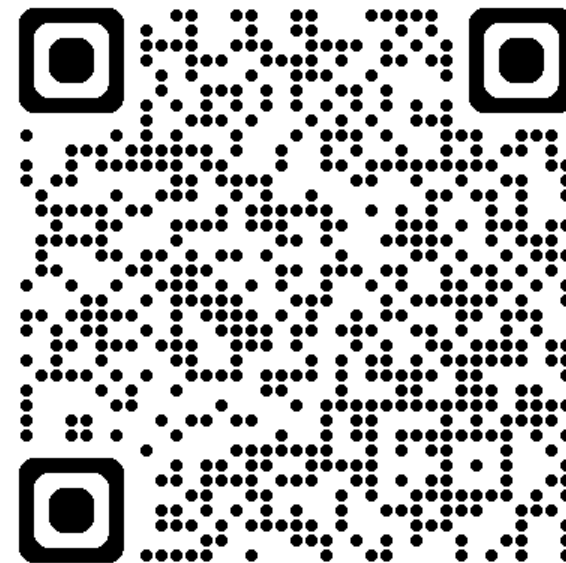
19 September 2025

<https://bit.ly/tei-2025-demo> | <https://bit.ly/tei-2025-demo-PDF>

BL

Libri augmentati

- > grabs (meta)data from digital library
- > enriches text using external services
- > converts all to TEI
- > programmed in XProc 3.0 (<https://xproc.org>)
- > <https://github.com/moravianlibrary/libri-augmentati>
- > Docker image available
 - > <https://hub.docker.com/r/daliboris/libri-augmentati>



Run Docker image

- > `docker run -it --rm --volume D:\TEI-2025\Libri-augmentati:/data daliboris/libri-augmentati:latest`
 - > `-it` = interactive mode
 - > `--rm` = remove Docker container after exit
 - > `D:\TEI-2025\Libri-augmentati` = path on my computer where I want store enriched data
 - > `/data` = path in Docker container where enriched data will be stored (can't be changed)
 - > `daliboris/libri-augmentati:latest` = identifier of the Docker image with *Libri augmentati* application

Use Libri augmentati

- > use following prompt

- > Morgana.sh -config=/config/config.xml /la/run/client.xpl -option:library-code=mzk -option:api-version=7 -option:output-directory=/data/tei-conference -option:document-resources="MODS DC FOXML" -option:page-resources="ALTO TEXT FOXML DC MODS IMAGE" -option:document-id=uuid:de87a0e0-643b-11ea-a744-005056827e51 -option:nickname=postural-defects -indent-errors

Explanation of parameters

- > Morgana.sh
 - > main script that runs XProc pipeline
- > -config=/config/config.xml
 - > base configuration used by MorganaXProc-IIIse engine
- > /la/run/client.xpl
 - > main pipeline for request processing
- > -option:library-code=mzk
 - > abbreviation of digital library where publications are stored
- > -option:api-version=7
 - > version of Kramerius (API) used by digital library

Explanation of parameters – cont.

- > -option:output-directory=/data/tei-conference
 - > where final data and reports are stored (should be in /data/ directory)
- > -option:document-resources="MODS DC FOXML"
 - > which metadata for the entire document should be downloaded
- > -option:page-resources="ALTO TEXT FOXML DC MODS IMAGE"
 - > which metadata for individual pages should be downloaded
- > -option:document-id=uuid:de87a0e0-643b-11ea-a744-005056827e51
 - > identifier of the digital book to be downloaded
- > -option:nickname=postural-defects
 - > nick name for the book (report and directory with this name will be created)

Request processing

```
=====
MorganaXProc-IIIse 1.7.1
Copyright 2011-2025 by <xml-project /> Achim Berndzen
=====

[01:30:40.078] Processing document with following parameters:      library-code: mzk;      api-version: 7;      document-resources: MODS DC FOXML;      page-resources: ALTO TEXT FO
XML DC MODS IMAGE;      input documents: 1      document-id: uuid:de87a0e0-643b-11ea-a744-005056827e51;      nickname: postural-defects
[01:30:40.106] Using system Kramerius: version 7 (Moravská zemská knihovna v Brně)
[01:30:40.125] Inserting document resources for uuid%3Ade87a0e0-643b-11ea-a744-005056827e51
[01:30:40.135] https://api.kramerius.mzk.cz/search/api/client/v7.0/search?fl=pid,page.number,page.type&sort=rels_ext_index.sort%20asc&rows=4000&start=0&q=own_parent.pid:%22u
uid%3Ade87a0e0-643b-11ea-a744-005056827e51%22
|
```



```
root@25fe976a30c2: /data
[01:30:52.814] - downloading text resources for postural-defects to /data/tei-conference/postural-defects/text
[01:30:52.816] Setting attributes: name = 0004.txt; local-path = /data/tei-conference/postural-defects/text/0004.txt; base-uri: file:///la/run/client.xpl => file:///data/tei-conference/postural-defects/text/0004.txt
[01:30:52.818] Checking file file:///data/tei-conference/postural-defects/text/0004.txt
[01:30:52.822] File 0004.txt exists false
[01:30:52.824] Downloading https://api.kramerius.mzk.cz/search/api/client/v7.0/items/uuid:8f664e02-69c8-4347-b1fb-13e13c0f3d72/ocr/text
[01:30:52.978] Storing to file:///data/tei-conference/postural-defects/text/0004.txt (/data/tei-conference/postural-defects/text/0004.txt)
[01:30:52.992] Checking file file:///data/tei-conference/postural-defects/text/0004.txt
[01:30:53.024] - downloading dc resources for postural-defects to /data/tei-conference/postural-defects/dc
[01:30:53.026] Setting attributes: name = 0004.xml; local-path = /data/tei-conference/postural-defects/dc/0004.xml; base-uri: file:///la/run/client.xpl => file:///data/tei-conference/postural-defects/dc/0004.xml
[01:30:53.027] Checking file file:///data/tei-conference/postural-defects/dc/0004.xml
[01:30:53.031] File 0004.xml exists false
[01:30:53.032] Downloading https://api.kramerius.mzk.cz/search/api/client/v7.0/items/uuid:8f664e02-69c8-4347-b1fb-13e13c0f3d72/metadata/dc
[01:30:53.356] Storing to file:///data/tei-conference/postural-defects/dc/0004.xml (/data/tei-conference/postural-defects/dc/0004.xml)
[01:30:53.368] Checking file file:///data/tei-conference/postural-defects/dc/0004.xml
[01:30:53.396] - downloading mods resources for postural-defects to /data/tei-conference/postural-defects/mods
[01:30:53.398] Setting attributes: name = 0004.xml; local-path = /data/tei-conference/postural-defects/mods/0004.xml; base-uri: file:///la/run/client.xpl => file:///data/tei-conference/postural-defects/mods/0004.xml
[01:30:53.399] Checking file file:///data/tei-conference/postural-defects/mods/0004.xml
[01:30:53.404] File 0004.xml exists false
[01:30:53.405] Downloading https://api.kramerius.mzk.cz/search/api/client/v7.0/items/uuid:8f664e02-69c8-4347-b1fb-13e13c0f3d72/metadata/mods
[01:30:53.539] Storing to file:///data/tei-conference/postural-defects/mods/0004.xml (/data/tei-conference/postural-defects/mods/0004.xml)
[01:30:53.551] Checking file file:///data/tei-conference/postural-defects/mods/0004.xml
[01:30:53.587] - downloading foxml resources for postural-defects to /data/tei-conference/postural-defects/foxml
[01:30:53.589] Setting attributes: name = 0004.xml; local-path = /data/tei-conference/postural-defects/foxml/0004.xml; base-uri: file:///la/run/client.xpl => file:///data/tei-conference/postural-defects/foxml/0004.xml
[01:30:53.590] Checking file file:///data/tei-conference/postural-defects/foxml/0004.xml
[01:30:53.594] File 0004.xml exists false
[01:30:53.595] Downloading https://api.kramerius.mzk.cz/search/api/client/v7.0/items/uuid:8f664e02-69c8-4347-b1fb-13e13c0f3d72/foxml
[01:30:53.738] Storing to file:///data/tei-conference/postural-defects/foxml/0004.xml (/data/tei-conference/postural-defects/foxml/0004.xml)
[01:30:53.757] Checking file file:///data/tei-conference/postural-defects/foxml/0004.xml
[01:30:53.796] - downloading image resources for postural-defects to /data/tei-conference/postural-defects/image
[01:30:53.798] Setting attributes: name = 0004.jpg; local-path = /data/tei-conference/postural-defects/image/0004.jpg; base-uri: file:///la/run/client.xpl => file:///data/tei-conference/postural-defects/image/0004.jpg
[01:30:53.799] Checking file file:///data/tei-conference/postural-defects/image/0004.jpg
[01:30:53.805] File 0004.jpg exists false
[01:30:53.806] Downloading https://api.kramerius.mzk.cz/search/iiif/uuid:8f664e02-69c8-4347-b1fb-13e13c0f3d72/full/max/0/default.jpg
[01:30:55.142] Storing to file:///data/tei-conference/postural-defects/image/0004.jpg (/data/tei-conference/postural-defects/image/0004.jpg)
[01:30:55.169] Checking file file:///data/tei-conference/postural-defects/image/0004.jpg
[01:30:55.218] - adding title: Nesprávný postoj u dětí a jeho náprava =
[01:30:55.220] - adding author: Matiegka, Jindřich
[01:30:55.222] - adding language: cze
[01:30:55.274] output formats: ALTO; TEXT; TEI; enrichment: ENTITIES; MORPHOLOGY
[01:30:55.278]
[01:30:55.281] ...combining text pages ...Check if exists: file:///data/tei-conference/postural-defects/text.txt
[01:30:55.281] ...combining text pages ...for-each
[01:30:55.312] Storing to file:///data/tei-conference/postural-defects/text.txt
Using Saxon-HE 12.9. XSLT and XQuery processor developed by Saxonica Limited.
```

```
root@25fe976a30c2: /data
[01:30:58.598] Check if exists: file:///data/tei-conference/postural-defects/udpipe/0001.txt
[01:30:58.605] content-type: text/plain
[01:30:58.618] udpipes: $api-id: api.udpipe.2; $step-url: https://lindat.mff.cuni.cz/services/udpipe/api/process; $step-params: tokenizer=&tagger=&parser=&model=cze
[01:30:59.080] Storing to file:///data/tei-conference/postural-defects/udpipe/0001.txt
[01:30:59.100] Check if exists: file:///data/tei-conference/postural-defects/udpipe/0002.txt
[01:30:59.109] content-type: text/plain
[01:30:59.123] udpipes: $api-id: api.udpipe.2; $step-url: https://lindat.mff.cuni.cz/services/udpipe/api/process; $step-params: tokenizer=&tagger=&parser=&model=cze
[01:30:59.707] Storing to file:///data/tei-conference/postural-defects/udpipe/0002.txt
[01:30:59.726] Check if exists: file:///data/tei-conference/postural-defects/udpipe/0003.txt
[01:30:59.735] content-type: text/plain
[01:30:59.746] udpipes: $api-id: api.udpipe.2; $step-url: https://lindat.mff.cuni.cz/services/udpipe/api/process; $step-params: tokenizer=&tagger=&parser=&model=cze
[01:31:00.108] Storing to file:///data/tei-conference/postural-defects/udpipe/0003.txt
[01:31:00.127] Check if exists: file:///data/tei-conference/postural-defects/udpipe/0004.txt
[01:31:00.135] content-type: text/plain
[01:31:00.148] udpipes: $api-id: api.udpipe.2; $step-url: https://lindat.mff.cuni.cz/services/udpipe/api/process; $step-params: tokenizer=&tagger=&parser=&model=cze
[01:31:01.142] Storing to file:///data/tei-conference/postural-defects/udpipe/0004.txt
[01:31:01.162] get-nametag-analyses
[01:31:01.191] nametag: $api-id: api.nametag.2; $step-url: https://lindat.mff.cuni.cz/services/nametag/api/recognize; $step-params: input=conllu&output=xml&model=czech
[01:31:01.547] Storing to file:///data/tei-conference/postural-defects/nametag/0001.xml
[01:31:01.594] nametag: $api-id: api.nametag.2; $step-url: https://lindat.mff.cuni.cz/services/nametag/api/recognize; $step-params: input=conllu&output=xml&model=czech
[01:31:02.478] Storing to file:///data/tei-conference/postural-defects/nametag/0002.xml
[01:31:02.528] nametag: $api-id: api.nametag.2; $step-url: https://lindat.mff.cuni.cz/services/nametag/api/recognize; $step-params: input=conllu&output=xml&model=czech
[01:31:03.220] Storing to file:///data/tei-conference/postural-defects/nametag/0003.xml
[01:31:03.269] nametag: $api-id: api.nametag.2; $step-url: https://lindat.mff.cuni.cz/services/nametag/api/recognize; $step-params: input=conllu&output=xml&model=czech
[01:31:02.443] Storing to file:///data/tei-conference/postural-defects/nametag/0004.xml
[01:31:02.469]   convert-to-tei; output-directory: /data/tei-conference/postural-defects
[01:31:02.476]   checking for file:///data/tei-conference/postural-defects/tei/0001.xml
[01:31:02.495]   - transforming from NameTag to TEI
[01:31:02.820]   - transforming from UDPipe to TEI
[01:31:02.993]   - transforming from ALTO to TEI
[01:31:03.127]   - merging TEI from NameTag and UDPipe
[01:31:03.174] Storing to file:///data/tei-conference/postural-defects/tei/0001.xml
[01:31:03.211]   checking for file:///data/tei-conference/postural-defects/tei/0002.xml
[01:31:03.229]   - transforming from NameTag to TEI
[01:31:03.332]   - transforming from UDPipe to TEI
[01:31:03.511]   - transforming from ALTO to TEI
[01:31:03.779]   - merging TEI from NameTag and UDPipe
[01:31:04.083] Storing to file:///data/tei-conference/postural-defects/tei/0002.xml
[01:31:04.157]   checking for file:///data/tei-conference/postural-defects/tei/0003.xml
[01:31:04.174]   - transforming from NameTag to TEI
[01:31:04.243]   - transforming from UDPipe to TEI
[01:31:04.341]   - transforming from ALTO to TEI
[01:31:04.507]   - merging TEI from NameTag and UDPipe
[01:31:04.615] Storing to file:///data/tei-conference/postural-defects/tei/0003.xml
[01:31:04.681]   checking for file:///data/tei-conference/postural-defects/tei/0004.xml
[01:31:04.706]   - transforming from NameTag to TEI
[01:31:04.784]   - transforming from UDPipe to TEI
[01:31:04.949]   - transforming from ALTO to TEI
[01:31:05.275]   - merging TEI from NameTag and UDPipe
```

<https://api.kramerius.mzk.cz/search/iiif/uuid:8f664e02-69c8-4347-b1fb-13e13c0f3d72/full/max/0/default.jpg>
Ctrl+Click to follow link

```
root@25fe976a30c2: /data
[01:30:59.726] Check if exists: file:///data/tei-conference/postural-defects/udpipe/0003.txt
[01:30:59.735] content-type: text/plain
[01:30:59.746] udpipes: $api-id: api.udpipe.2; $step-url: https://lindat.mff.cuni.cz/services/udpipe/api/process; $step-params: tokenizer=&tagger=&parser=&model=cze
[01:31:00.108] Storing to file:///data/tei-conference/postural-defects/udpipe/0003.txt
[01:31:00.127] Check if exists: file:///data/tei-conference/postural-defects/udpipe/0004.txt
[01:31:00.135] content-type: text/plain
[01:31:00.148] udpipes: $api-id: api.udpipe.2; $step-url: https://lindat.mff.cuni.cz/services/udpipe/api/process; $step-params: tokenizer=&tagger=&parser=&model=cze
[01:31:01.142] Storing to file:///data/tei-conference/postural-defects/udpipe/0004.txt
[01:31:01.162] get-nametag-analyses
[01:31:01.191] nametag: $api-id: api.nametag.2; $step-url: https://lindat.mff.cuni.cz/services/nametag/api/recognize; $step-params: input=conllu&output=xml&model=czech
[01:31:01.547] Storing to file:///data/tei-conference/postural-defects/nametag/0001.xml
[01:31:01.594] nametag: $api-id: api.nametag.2; $step-url: https://lindat.mff.cuni.cz/services/nametag/api/recognize; $step-params: input=conllu&output=xml&model=czech
[01:31:02.478] Storing to file:///data/tei-conference/postural-defects/nametag/0002.xml
[01:31:02.528] nametag: $api-id: api.nametag.2; $step-url: https://lindat.mff.cuni.cz/services/nametag/api/recognize; $step-params: input=conllu&output=xml&model=czech
[01:31:03.220] Storing to file:///data/tei-conference/postural-defects/nametag/0003.xml
[01:31:03.269] nametag: $api-id: api.nametag.2; $step-url: https://lindat.mff.cuni.cz/services/nametag/api/recognize; $step-params: input=conllu&output=xml&model=czech
[01:31:02.443] Storing to file:///data/tei-conference/postural-defects/nametag/0004.xml
[01:31:02.469]   convert-to-tei; output-directory: /data/tei-conference/postural-defects
[01:31:02.476]   checking for file:///data/tei-conference/postural-defects/tei/0001.xml
[01:31:02.495]   - transforming from NameTag to TEI
[01:31:02.820]   - transforming from UDPipe to TEI
[01:31:02.993]   - transforming from ALTO to TEI
[01:31:03.127]   - merging TEI from NameTag and UDPipe
[01:31:03.174] Storing to file:///data/tei-conference/postural-defects/tei/0001.xml
[01:31:03.211]   checking for file:///data/tei-conference/postural-defects/tei/0002.xml
[01:31:03.229]   - transforming from NameTag to TEI
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[01:31:03.511]   - transforming from ALTO to TEI
[01:31:03.779]   - merging TEI from NameTag and UDPipe
[01:31:04.083] Storing to file:///data/tei-conference/postural-defects/tei/0002.xml
[01:31:04.157]   checking for file:///data/tei-conference/postural-defects/tei/0003.xml
[01:31:04.174]   - transforming from NameTag to TEI
[01:31:04.243]   - transforming from UDPipe to TEI
[01:31:04.341]   - transforming from ALTO to TEI
[01:31:04.507]   - merging TEI from NameTag and UDPipe
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[01:31:04.681]   checking for file:///data/tei-conference/postural-defects/tei/0004.xml
[01:31:04.706]   - transforming from NameTag to TEI
[01:31:04.784]   - transforming from UDPipe to TEI
[01:31:04.949]   - transforming from ALTO to TEI
[01:31:05.275]   - merging TEI from NameTag and UDPipe
[01:31:05.511] Storing to file:///data/tei-conference/postural-defects/tei/0004.xml
[01:31:05.735] Storing to file:///data/tei-conference/postural-defects/postural-defects-tei.xml
[01:31:05.930] Storing to file:///data/tei-conference/postural-defects/tei.xml
[01:31:06.152] Storing XML report to /data/tei-conference/mzk-postural-defects-report.xml
[01:31:06.174] $output-directory: /data/tei-conference
[01:31:06.249] Storing HTML report to /data/tei-conference/mzk-postural-defects-report.html
<?xml version="1.0" encoding="UTF-8"?>
<c:result xmlns:c="http://www.w3.org/ns/xproc-step">file:///data/tei-conference/report.html</c:result>
root@25fe976a30c2: /data#
```

Results (in main directory and subdirectories)

D:\TEI-2025\Libri-augmentati\tei-conference 7,84 GB						D:\TEI-2025\Libri-augmentati\tei-conference\postural-defects 7,84 GB					
Název	Přípona	Velikost	Datum	Čas	Atributy	Název	Přípona	Velikost	Datum	Čas	Atributy
..		ADR	18.09.2025	3:31:07		..		ADR	18.09.2025	3:31:07	
postural-defects		ADR	18.09.2025	3:31:07		alto		ADR	18.09.2025	3:30:52	
mzk-postural-defects-report.html		16,5 KB	18.09.2025	3:31:07	A	dc		ADR	18.09.2025	3:30:53	
mzk-postural-defects-report.xml		16,3 KB	18.09.2025	3:31:07	A	foxml		ADR	18.09.2025	3:30:53	
report.html		16,5 KB	18.09.2025	3:31:07	A	image		ADR	18.09.2025	3:30:54	
report.xml		24,8 KB	18.09.2025	3:31:07	A	mods		ADR	18.09.2025	3:30:53	
						nametag		ADR	18.09.2025	3:31:03	
						tei		ADR	18.09.2025	3:31:06	
						text		ADR	18.09.2025	3:30:52	
						udpipe		ADR	18.09.2025	3:31:00	
						alto.xml		542 KB	18.09.2025	3:30:58	A
						dc.xml		1,32 KB	18.09.2025	3:30:43	A
						foxml.xml		12 KB	18.09.2025	3:30:44	A
						mods.xml		3,26 KB	18.09.2025	3:30:43	A
						postural-defects-tei.xml		267 KB	18.09.2025	3:31:07	A
						tei.xml		267 KB	18.09.2025	3:31:07	A
						text.txt		8,5 KB	18.09.2025	3:30:55	A
						virtual-document-01-built.xml		10,7 KB	18.09.2025	3:30:43	A
						virtual-document-02-downloaded.xml		17,9 KB	18.09.2025	3:30:55	A
						virtual-document-03-prepared-text.xml		17,9 KB	18.09.2025	3:30:55	A
						virtual-document-04-enriched.xml		23,5 KB	18.09.2025	3:31:07	A

Report

Matiegka, Jindřich: Nesprávný postoj u dětí a jeho náprava =


Document ID [uuid:de87a0e0-643b-11ea-a744-005056827e51](#)

mods	dc	foxml	text	alto	tei
on-line local	on-line local	on-line local	local	local	local

Document pages

#	order	title	type	alto	text	udpipe	nametag	dc	mods	foxml	image	tei
1	1	[1]	TitlePage	on-line local	on-line local	local	local	on-line local	on-line local	on-line local	on-line local	local
2	2	[2]	NormalPage	on-line local	on-line local	local	local	on-line local	on-line local	on-line local	on-line local	local
3	3	3	NormalPage	on-line local	on-line local	local	local	on-line local	on-line local	on-line local	on-line local	local
4	4	4	NormalPage	on-line local	on-line local	local	local	on-line local	on-line local	on-line local	on-line local	local

Digital Library

Moravská zemská knihovna v Brně	
https://www.mzk.cz	
Kounicova 65a Brno 601 87 Česko	

Options

option	value
page-resources	ALTO TEXT FOXML DC MODS IMAGE
base-url	https://api.kramerus.mzk.cz
api-version	7
system	Kramerus
document-resources	MODS DC FOXML

API

Kramerus 7

[Documentation](#)

Resources

site
api-info
page
info, ALTO, TEXT, DC, MODS, FOXML, IMAGE
document
info, DC, MODS, FOXML

Thank you!

> Boris Lehečka

- > lehecka@mzk.cz, boris@daliboris.cz
- > Moravian Library
- > Freelancer