Stemmarest

Dokumentation des PSE2 Projekt

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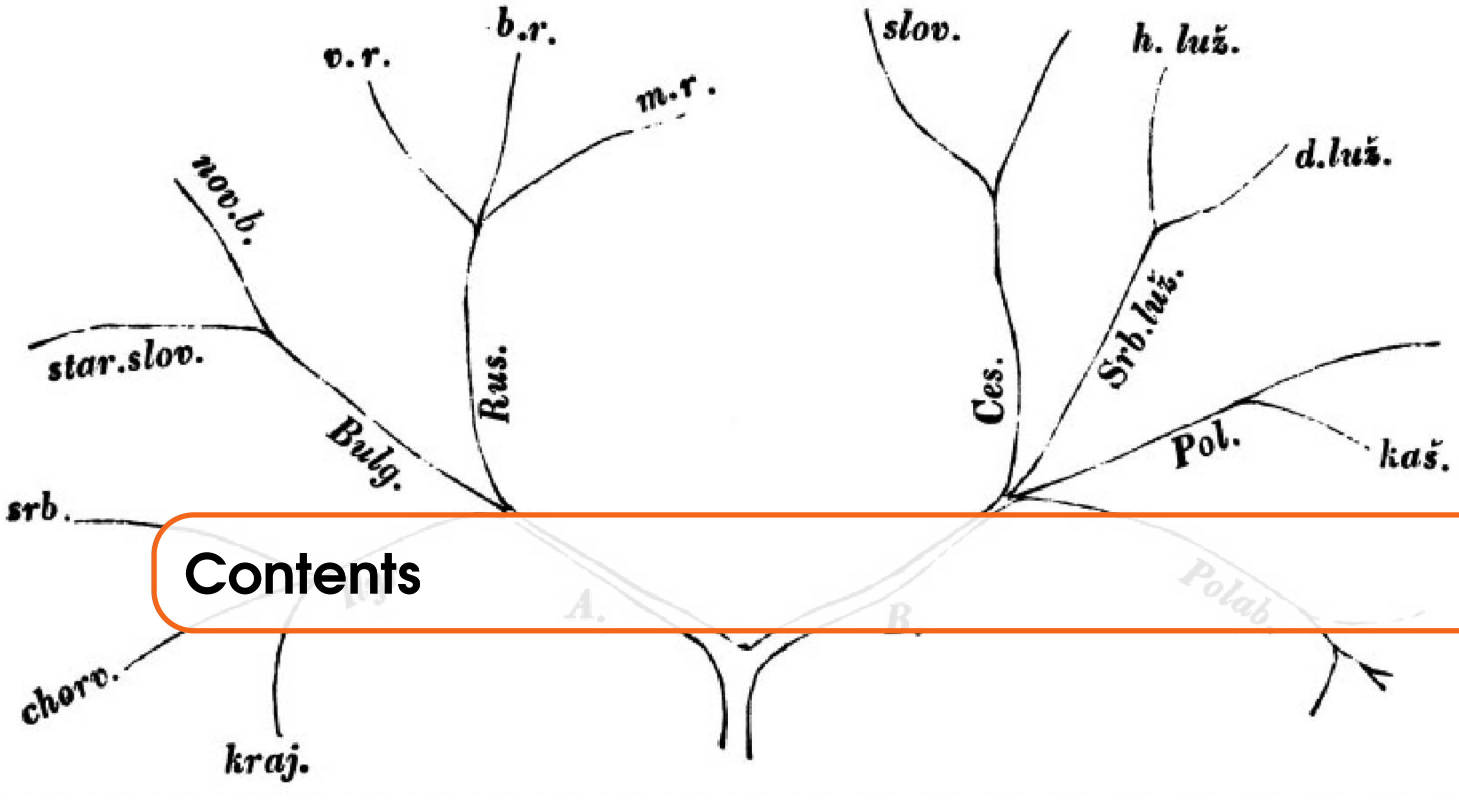
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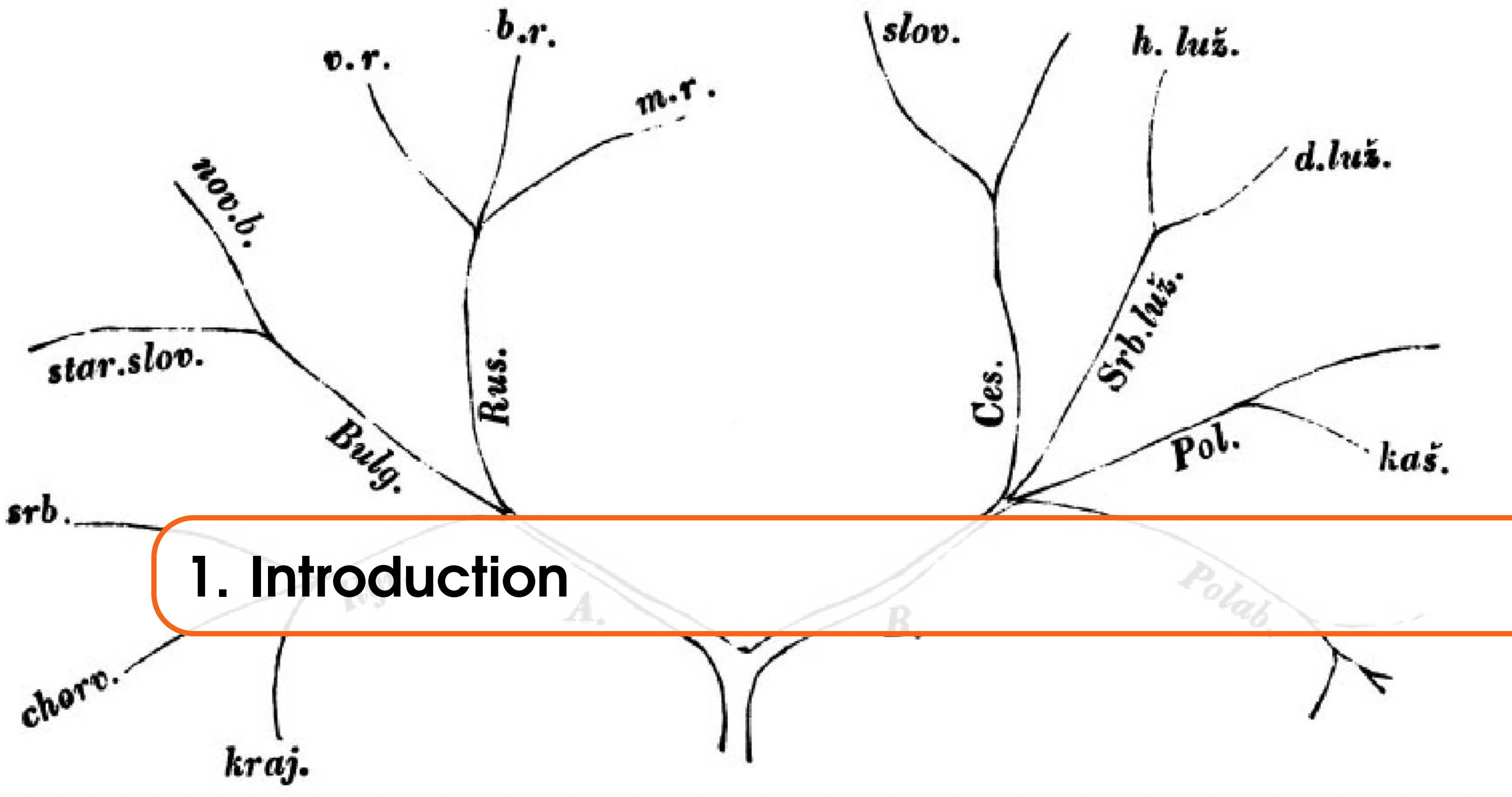
Project



1. Introduction

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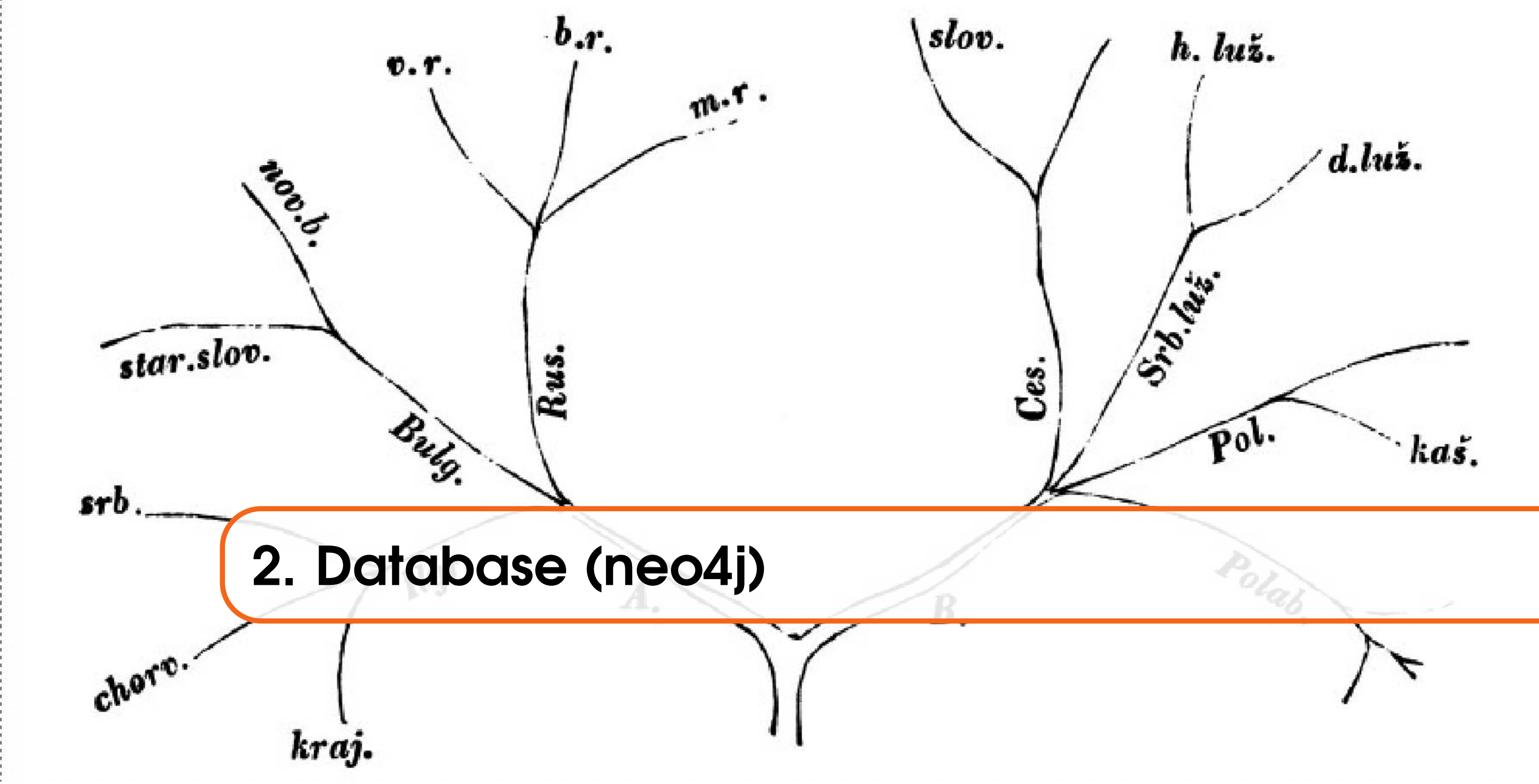
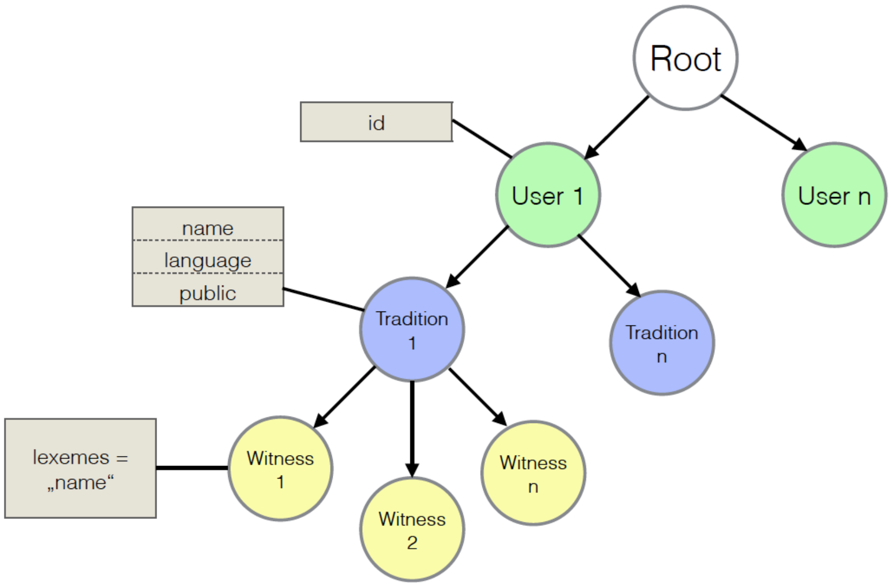
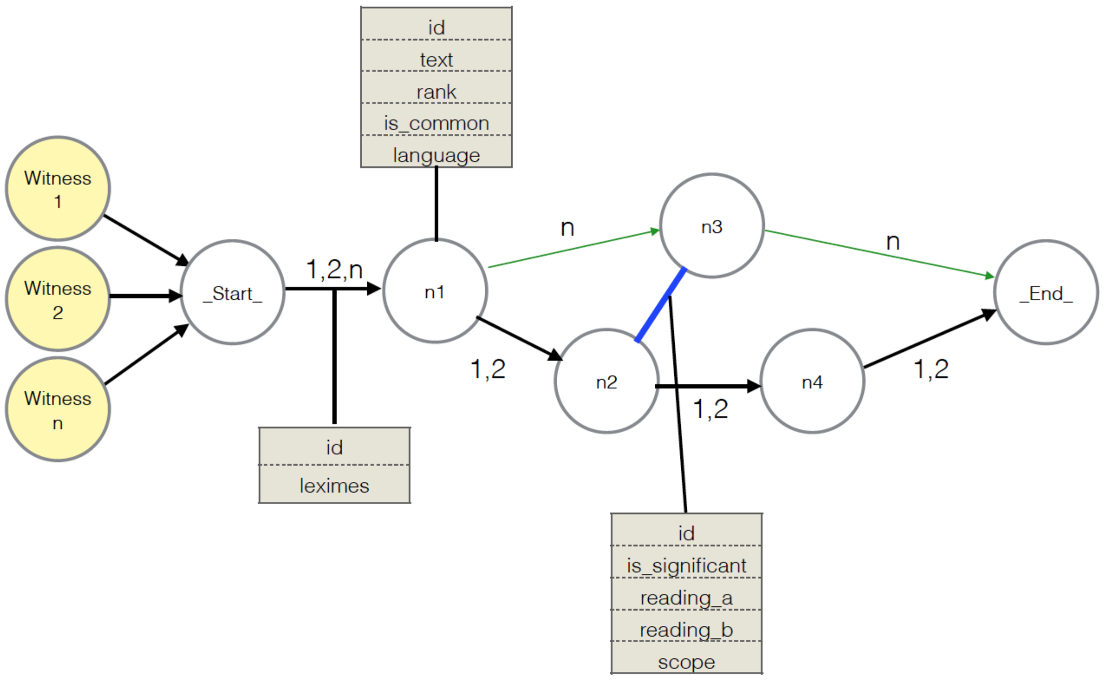


2. Database (neo4j)

2.1 Structure

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text
rank
is_common
language
Witness 1
Witness 2
Witness n
Start
1,2,n
n1
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n3
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End
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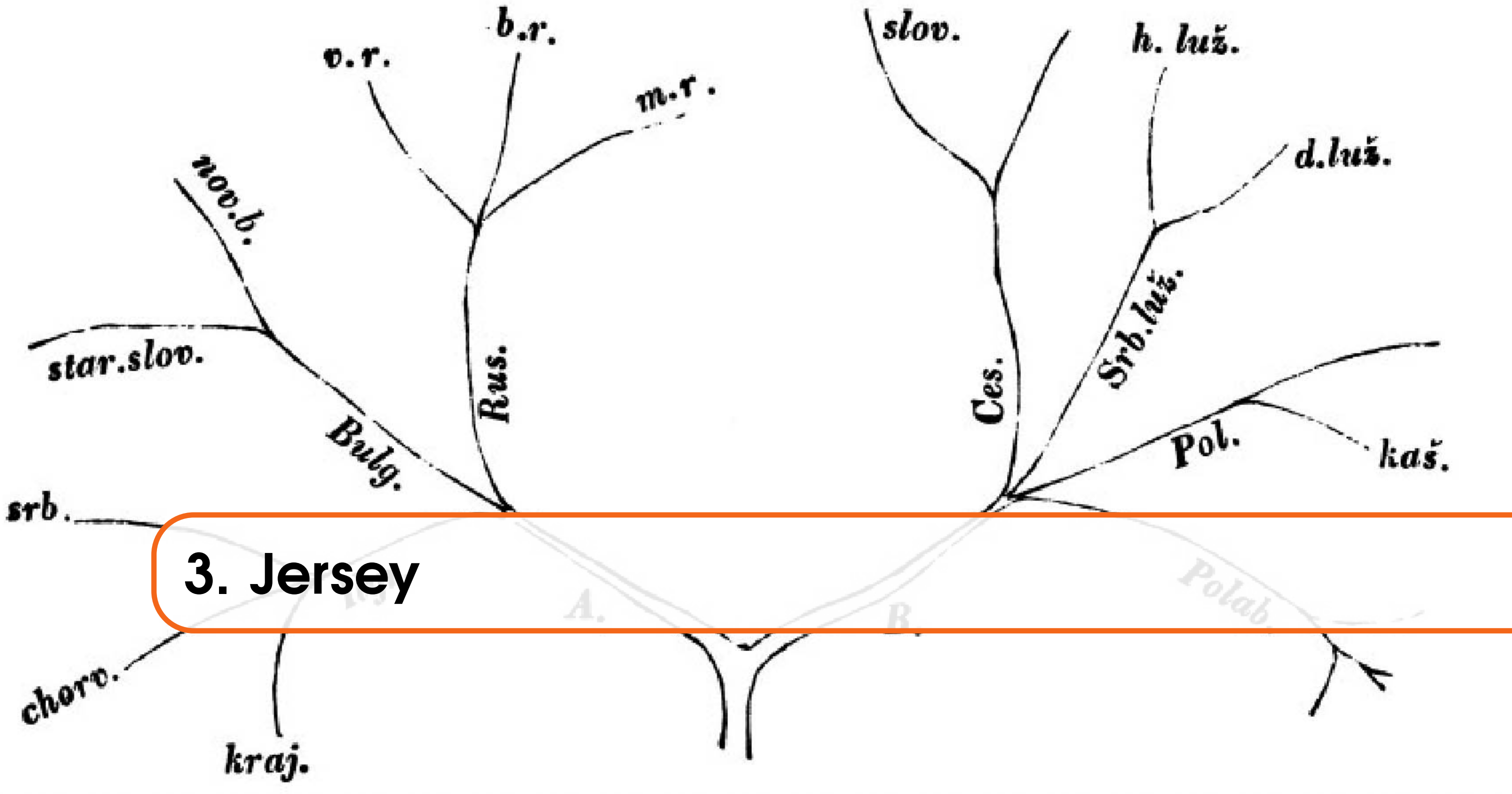
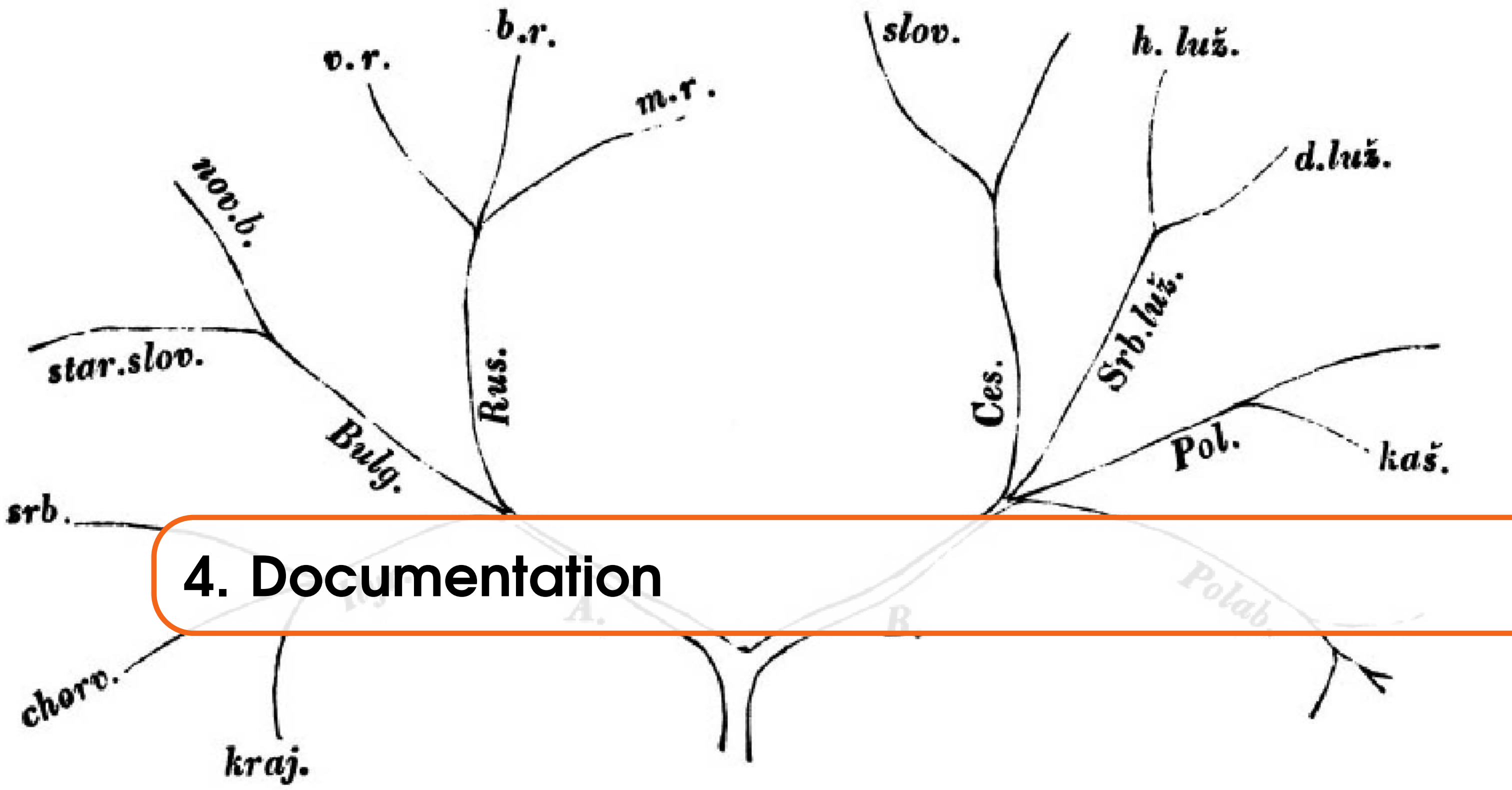


3. Jersey

Lorem Ipsum

II

RESTful API



4. Documentation

4.1 /user

GET /user

Summary

Returns a welcome message

Parameter

Return — SUCCESS. text/plain
"User!"

4.2 /user/create

POST /user/create

Summary

Creates a user.

Parameter application/json
{ "userId":<userId>, "isPublic":<isAdmin> }

Return — CREATED. application/json
{ "userId":<userId>, "isPublic":<isAdmin> }

Return — CONFLICT. application/json
Error: A user with this id already exists

4.3 /user/{id}

GET /user/{id}

Summary

Returns the user as JSON Object

Parameter URL
Id: the user id

Return — OK. application/json
{ 'userId': <userId>, 'isAdmin': <isAdmin> }
The information about the user

Return — NOT_FOUND. application/json
The information about the user

4.4 /user/traditions/{userId}

GET /user/traditions/{userId}

Summary

List all Traditions of a user

Parameter URL
userId: the id of the user

Return — OK. application/json
{"traditions":[{"name":<traditionName> }] }

Return — NOT_FOUND. application/json
Error: A user with this id does not exist!

4.5 /textinfo/{textId}

POST /textinfo/{textId}

Summary

Update the textInfo of a tradition.

Parameter URL
textId: the id of the tradition

Parameter application/json
{ 'name': <new_name>, 'language': <new_language>, 'isPublic': <is_public>, 'ownerId': <new_ownerId> }

Return — SUCCESS. application/json
{ 'name': <new_name>, 'language': <new_language>, 'isPublic': <is_public>, 'ownerId': <new_ownerId> }
The new information of the tradition.

Return — CONFLICT. application/json
"Error: A user with this id does not exist"
If the user does not exist.

Return — NOT_FOUND. application/json
If the tradition was not found.

4.6 /tradition/witness/{tradId}

GET /tradition/witness/{tradId}

Summary

List all Witness of a tradition

Parameter URL
tradId: the id of the tradition

Return — OK. application/json

Return — NOT_FOUND. application/json
Error: A tradition with this id does not exist!

4.7 /tradition/new

POST /tradition/new

Summary

Create a new tradition.

Parameter text/plain
name: The name of the tradition

Parameter multipart/form-data
language: The language of the tradition
public: 0 if the tradition is not public 1 if the tradition is public
name: The name of the tradition
file: multipart file input stream

Return — CONFLICT. application/json
”Error: No user with this id exists”

Return — INTERNAL_SERVER_ERROR. application/json
”Error: Tradition could not be imported!” *If the server was not able to parse the input file*

Return — OK. application/json
”Tradition imported successfully”

4.8 /tradition/get/{tradId}

GET /tradition/get/{tradId}

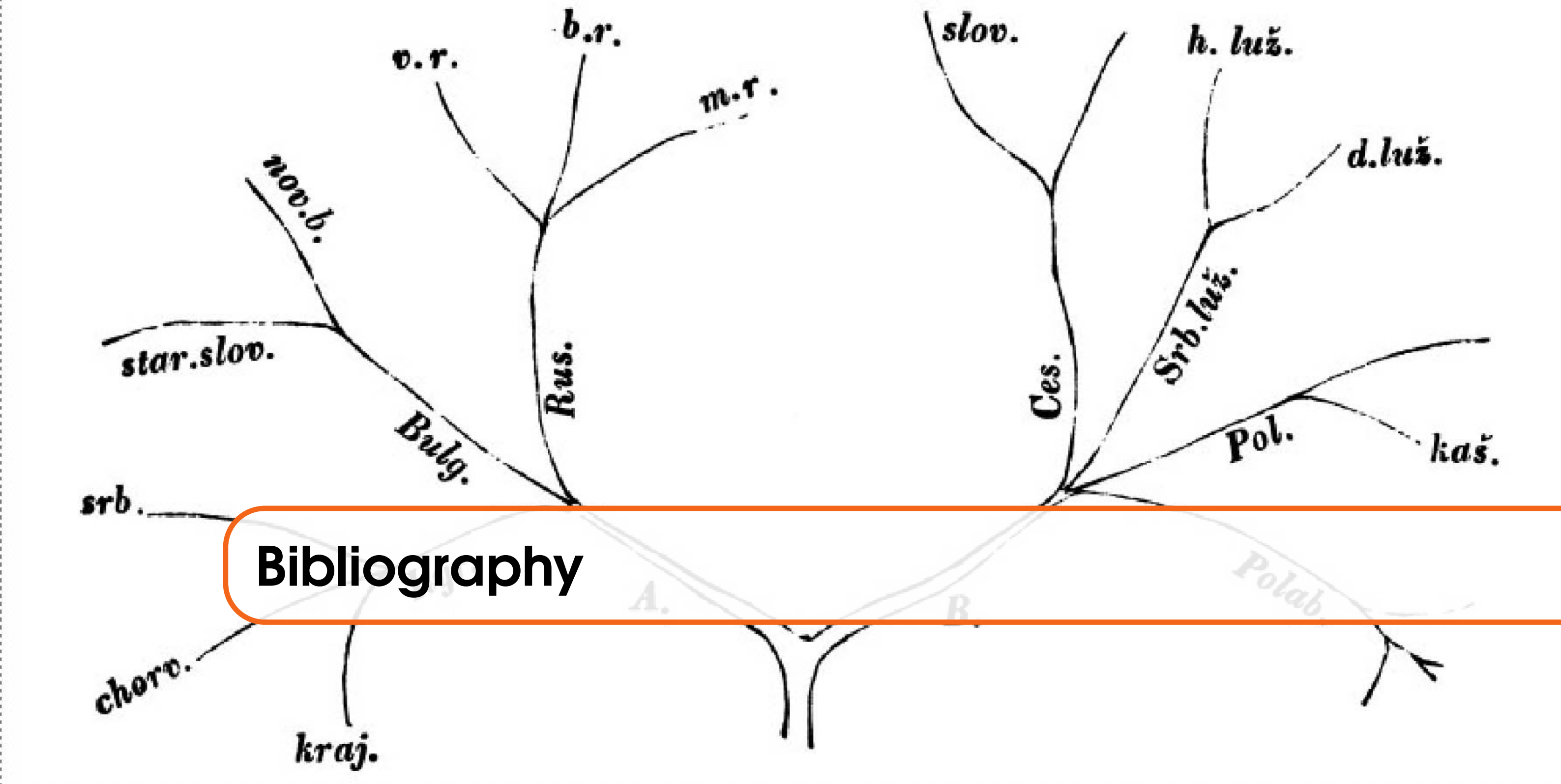
Summary

Get a graphml of a tradition

Parameter URL
tradId: the id of the tradition

Return — OK. application/xml

Return — NOT_FOUND. application/json
Error: A tradition with this id does not exist!



Bibliography