Stemmarest

Dokumentation des PSE2 Projekt

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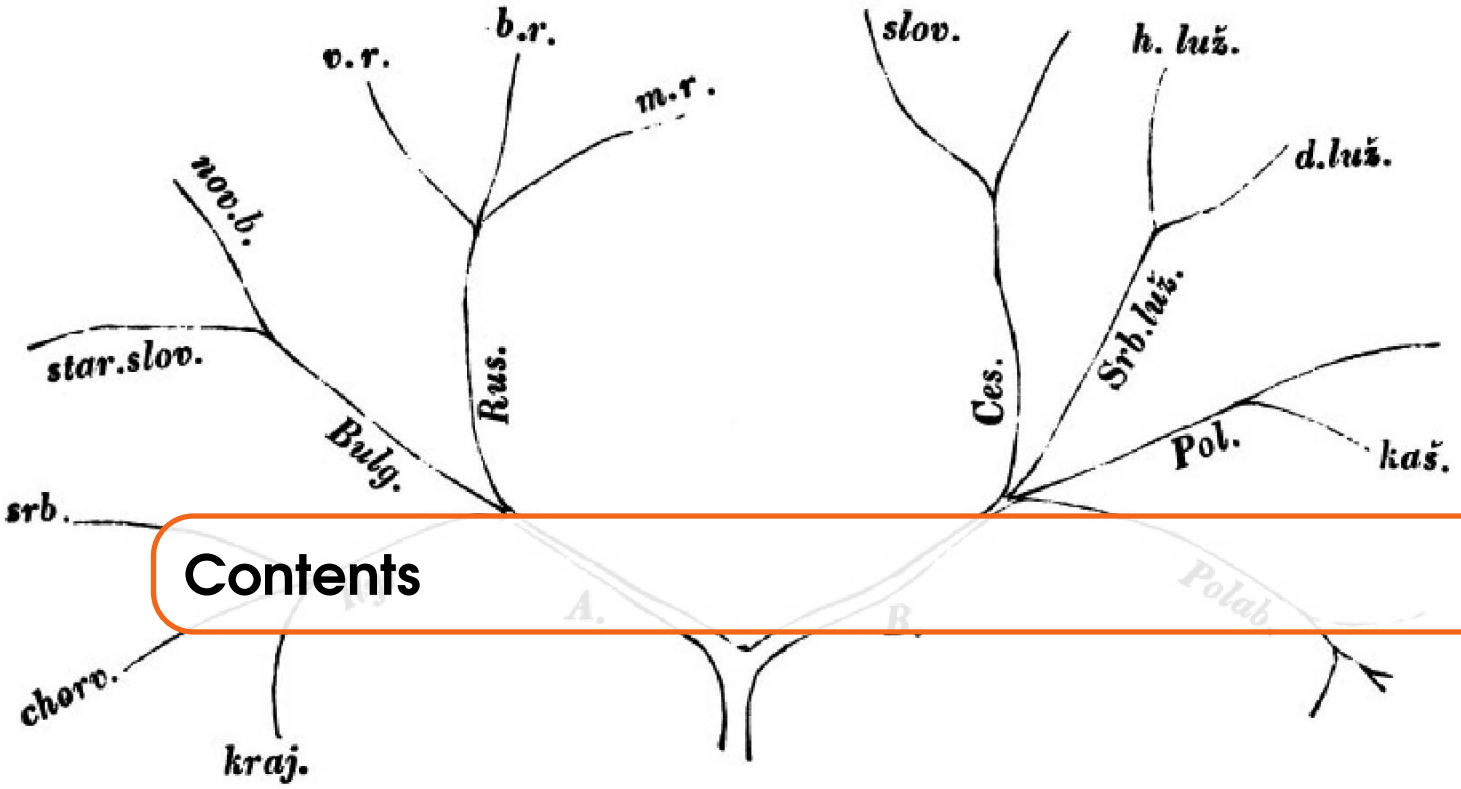

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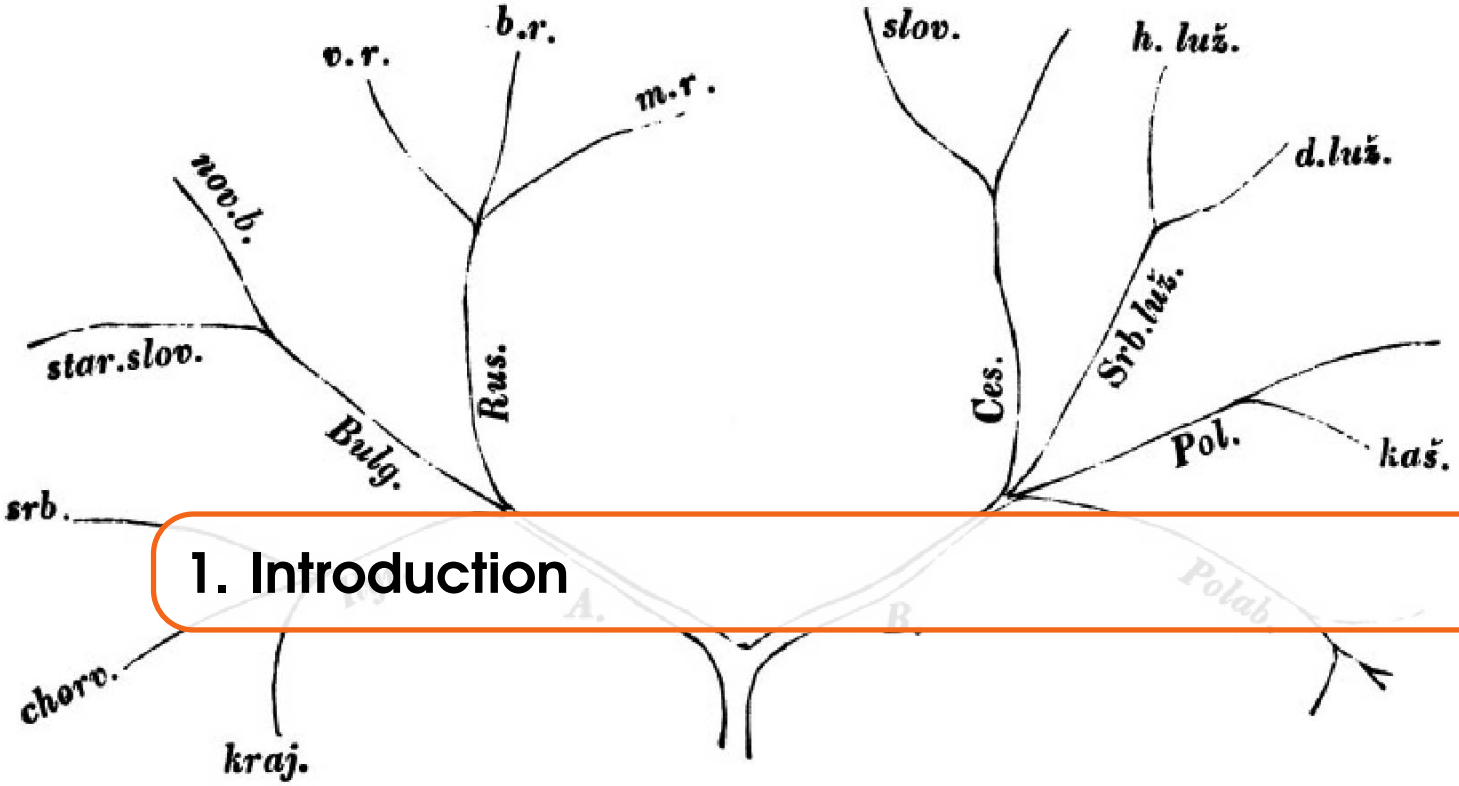

1. Introduction

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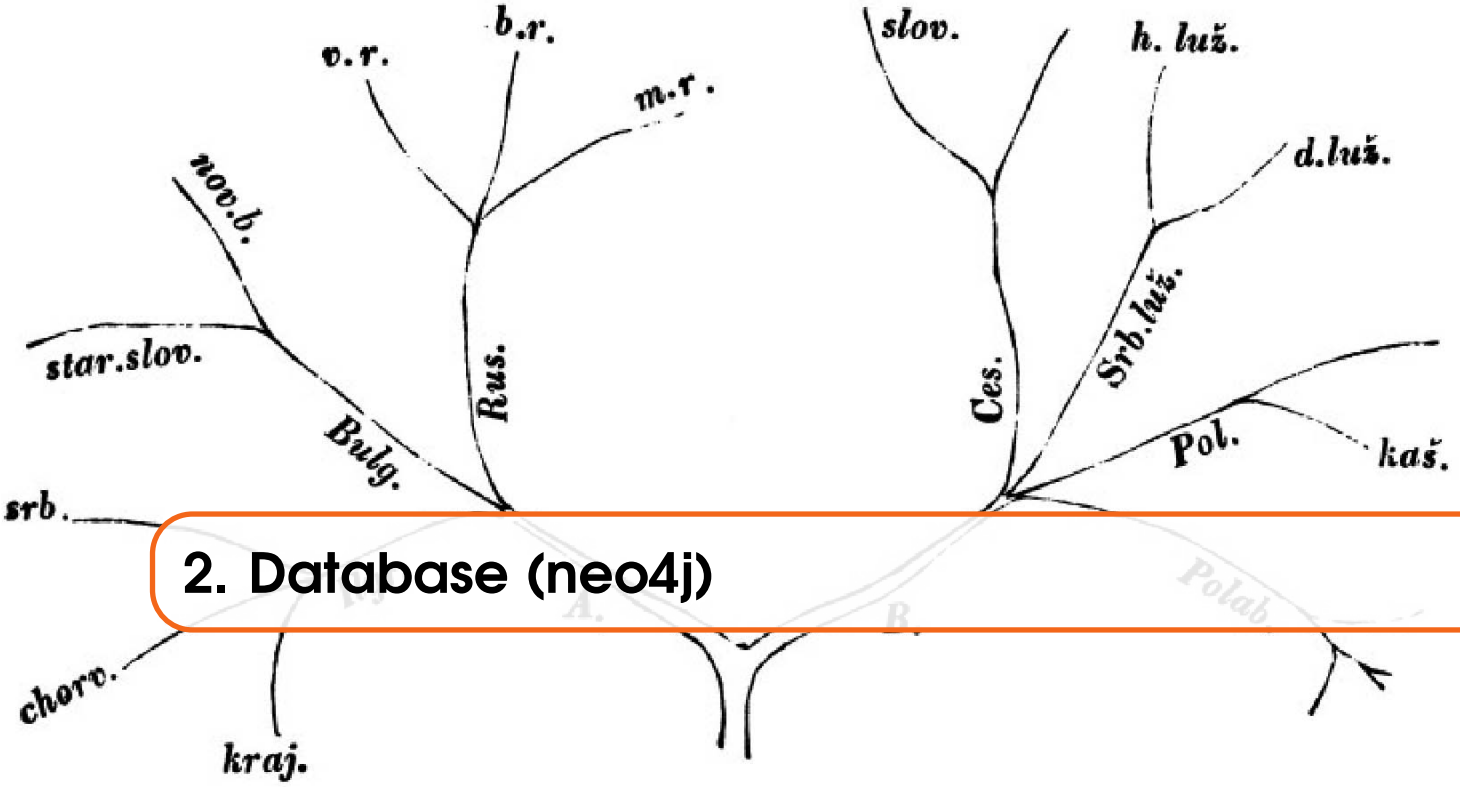
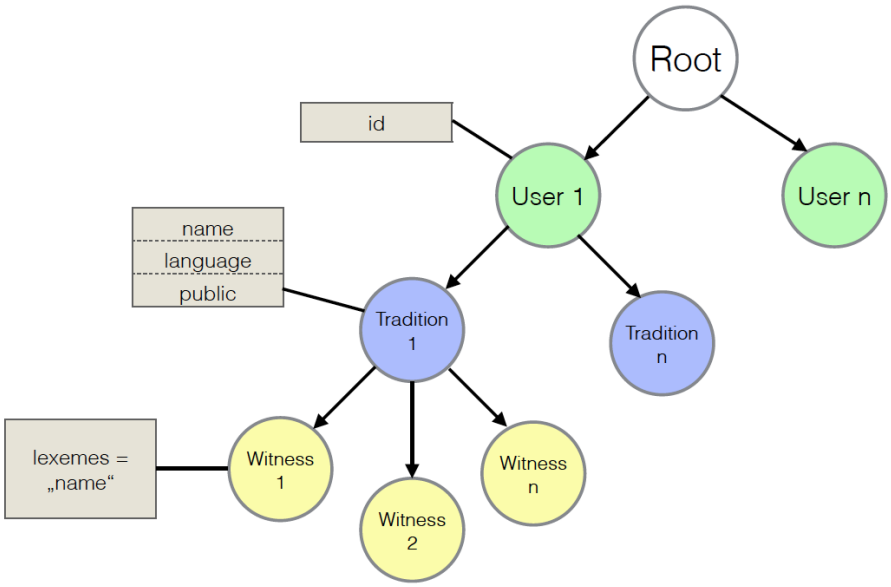
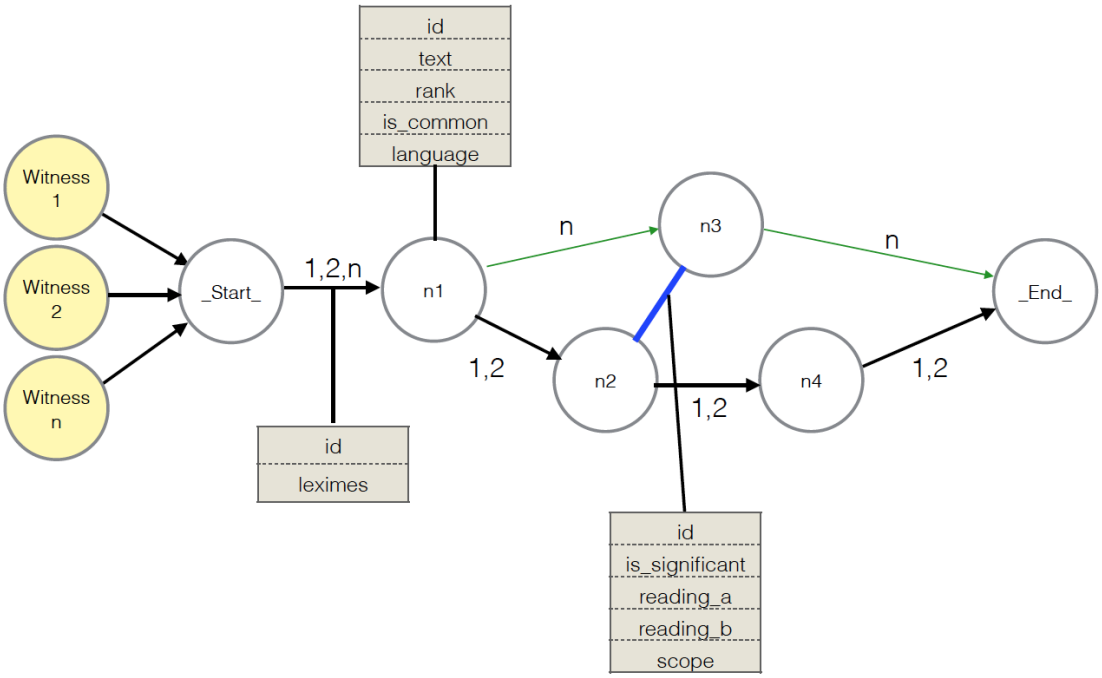
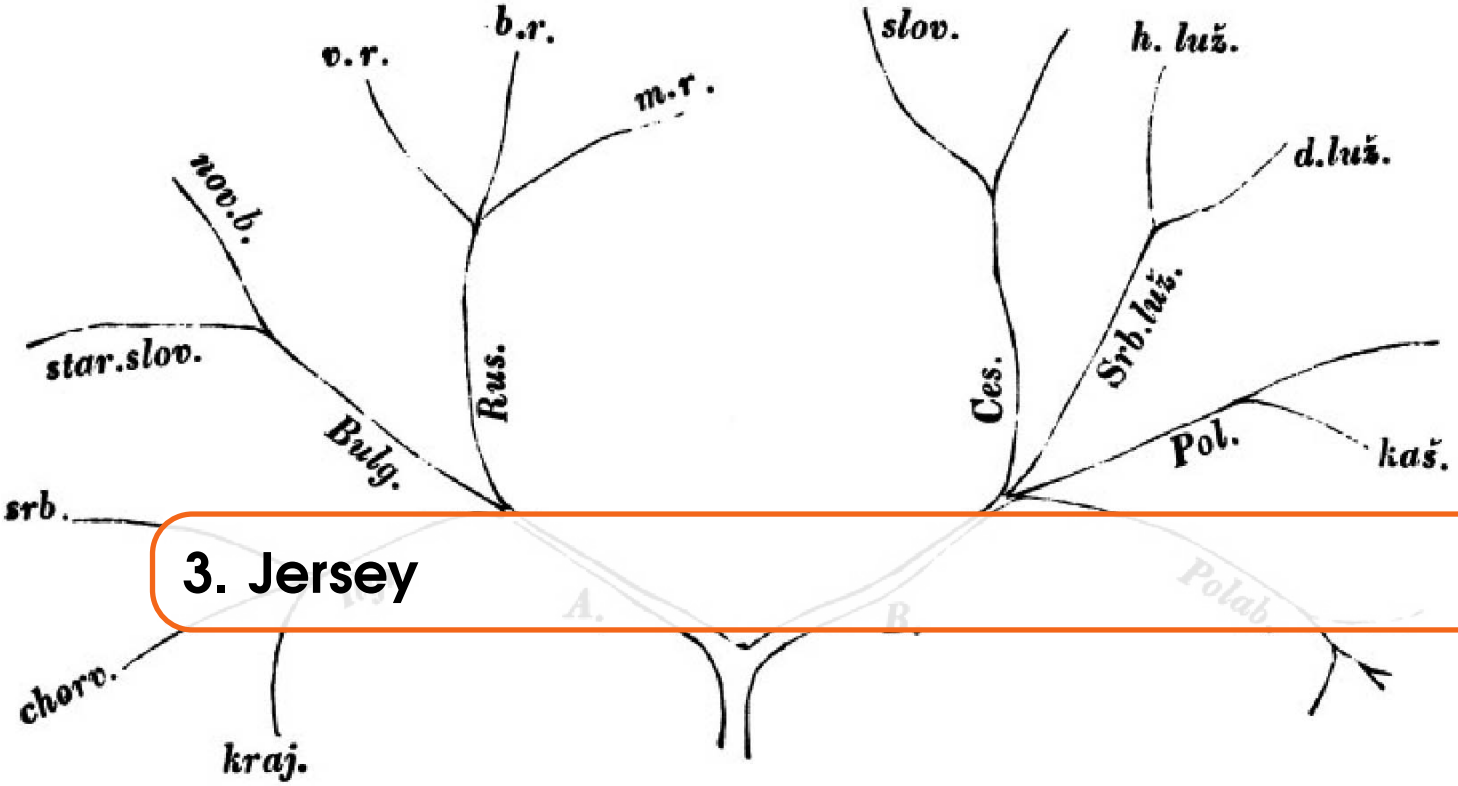


2. Database (neo4j)

2.1 Structure




id
text
rank
is_common
language
Witness 1
Witness 2
Witness n
Start
1,2,n
n1
n
n3
n
End
1,2
n2
1,2
n4
1,2
id
leximes
id
is_significant
reading_a
reading_b
scope



3. Jersey

Lorem Ipsum

II

RESTful API

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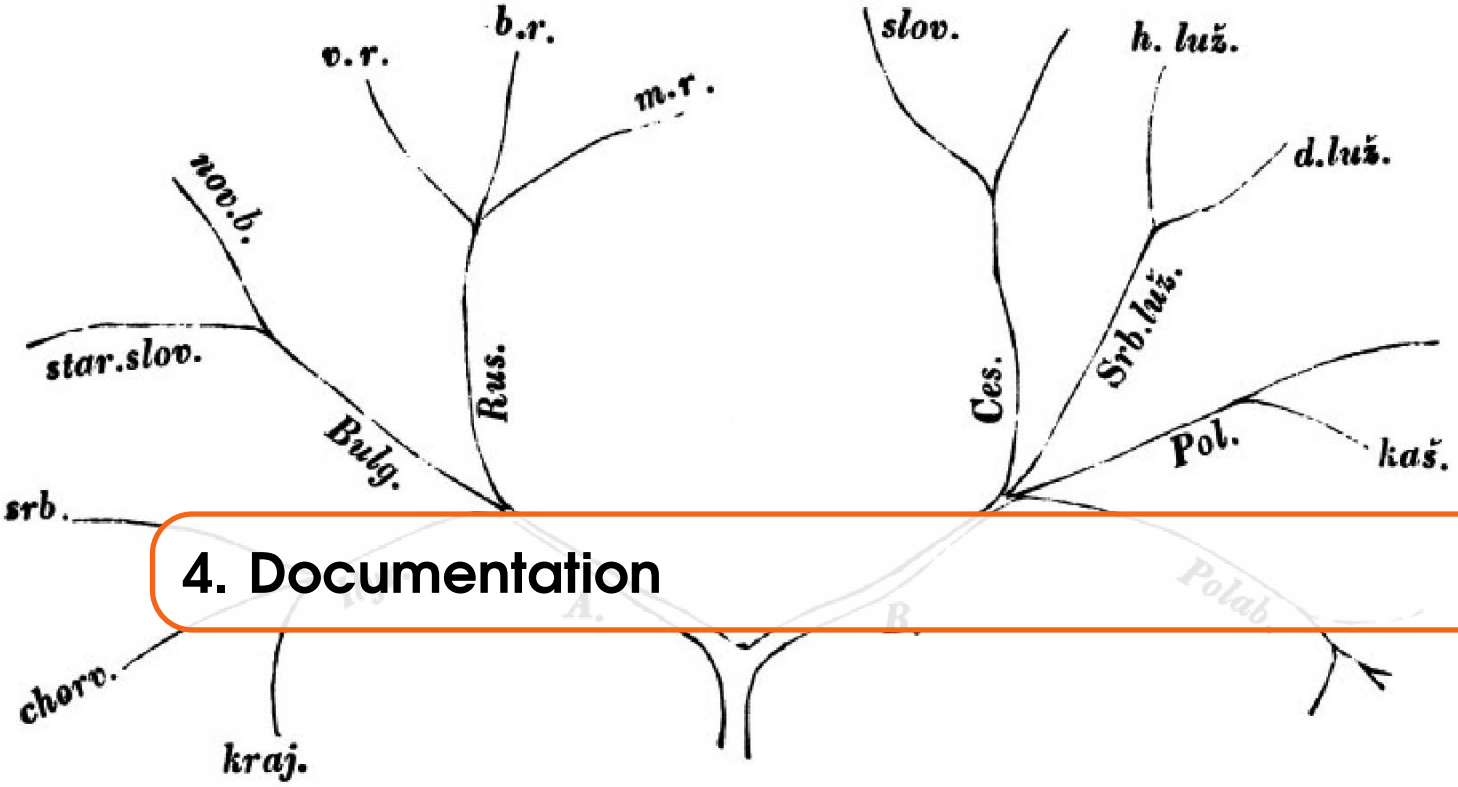


4. Documentation

4.1 /myresource

GET /myresource

Summary

Returns a welcome message

Parameter

Return — SUCCESS. text/plain
”Hi there!”

4.2 /user

GET /user

Summary

Returns a welcome message

Parameter

Return — SUCCESS. text/plain
”User!”

4.3 /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

4.4 /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

4.5 /user/traditions/{userId}

GET /user/traditions/{userId}

Summary

List all Traditions of a user

Parameter

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

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

4.6 /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.

4.7 /rest

GET /rest

Summary

Returns a welcome message

Parameter

Return — SUCCESS. text/plain
"hello from rest.java!"

4.8 /rest/tradition/new

POST /rest/tradition/new

Summary

Create a new tradition.

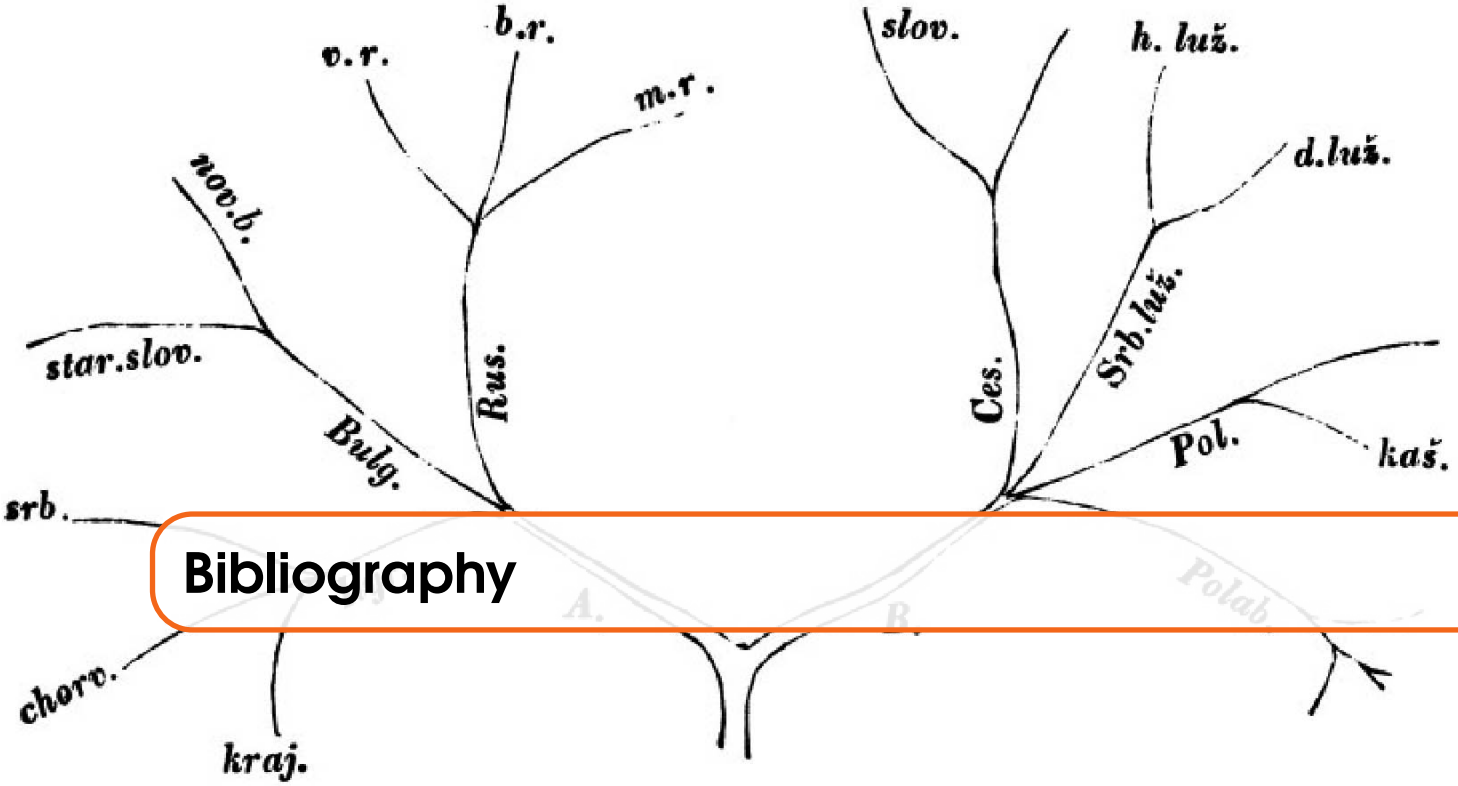
Parameter text/plain
name: The name of the tradition

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"



Bibliography

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