

Pages and Files specifications

Pages

Description of functions available on users' pages.

Administrator main page:

- Administrator dashboard:
 - id of the campaign
 - name of the campaign
 - name and role (expert or administrator) of the user
 - target type: *document* or *snippet*
 - assessments types: *global* and/or *word*
 - numbers of assigned topics, done topics, remaining topics
 - numbers of assigned assessments, done assessments, remaining assessments
 - table of numbers of assigned assessments, done assessments, remaining assessments (columns) by expert (rows)
 - table of numbers of assigned topics, done topics, remaining topics (columns) by expert (rows)
- Activate or deactivate all assessments
- [Option #1] Change expert password
- Upload experts list (only new non-existing experts are added. Duplicates are skipped)
- Upload assessments list (assign new non existing task to experts)
- Download remaining assessments list
- Download assessed document/snippet list
- Download assessed words list
- [Option #2] Download comments list
- Disconnect from system

Expert main page:

- Expert dashboard:
 - name of the campaign

- description of the campaign
- link to assessments detailed instructions
- numbers of assigned topics, done topics, remaining topics
- numbers of assigned assessments, done assessments, remaining assessments
- table of numbers of assigned assessments, done assessments, remaining assessments (columns) by topic (rows)
- [Option #3] table of topics and assessments (columns) with links to edit them (rows)
- Start assessment
- Disconnect from system

Expert Assessment Page:

- Topic id
- Topic keyword
- Topic conversational
- Topic explanation
- Assessments abbreviate instructions for word
- Assessments abbreviate instructions for global
- Link to assessments detailed instructions
- Document/Snippet id
- Document/Snippet
- Global annotation interface
- Word annotation interface
- [Option #2] Comment text field
- Number of remaining assessments for the current topic
- Save and Start new assessment
- Save and Go to main page
- Abandon assessment and Go to main page

Files

Loaded Files

Files uploaded whenever a campaign or the server starts.

“Campaign” File

Use: define the campaign

Name: **campaign.xml**

Type: XML

Content:

- id of the campaign (usually the same as the campaign folder name)
- activation of assessments
- target type: *document* or *snippet*
- assessments types: *global* , *words* or *global/words*
- name of the campaign
- description of the campaign
- assessments short instructions for words
- assessments short instructions global
- assessments detailed instructions URL

Example:

```
<campaign id="mycampaign">
  <activated>TRUE</activated>
  <target>snippet</target>
  <type>globalwords</type>
  <name>This is my assessments campaign</name>
  <description>It is an assessments campaign</description>
  <abbreviate_instructions_words>Assess words in
  snippet/document</abbreviate_instructions_words>
  <abbreviate_instructions_global>Assess snippet/document in its
  globality</abbreviate_instructions_global>
  <detailed_instructions_URL>URL</detailed_instructions_URL>
</campaign>
```

"Administrator" File

Use: define the set of administrators for the campaign

Name: **administrators.xml**

Type: XML

Content: administrator IDs and their password

Example :

```
<admins>
  <admin id="admin1" pw="abcd"/>
  <admin id="admin2" pw="efgh"/>
</admins>
```

"Topic" File

Use: define the set of topics for the campaign

Name: **topics.xml**

Type : XML

Content: see TREC

Example :

```
<?xml version="1.0" encoding="UTF-8"?>
<topics task="Multilingual Semantic Search" task-id="2" round="2">
```

```

<topic number="8" xml:lang="en">
  <keyword>coronavirus under reporting</keyword>
  <conversational>how has lack of testing availability led to
underreporting of true incidence of Covid-19?</conversational>
  <explanation>Looking for studies answering questions of impact
of lack of complete testing for Covid-19 on incidence and prevalence
of Covid-19.</explanation>
</topic>
...
</xml>

```

“Document” File

Use: define the set of documents for the campaign

Name: **documents.xml**

Type: XML

Content: document_id external_url internal_uri

Example :

```

<documents>
  <document id="123">
    <external_url>https://www.sciencedirect.com/science/articl
e/pii/S253104372030129X</external_url>
  </document>
  <document id="123">
    <external_uri>Documents/doc456.txt</external_uri>
  </document>
</documents>

```

“Snippet” File

Use: define the set of snippets for the campaign

Name: **snippets.xml**

Type: XML

Content: document_id topic_id title abstract

Example :

```

<snippets>
  <snippet document_id="123" topic_id="001">
    <title></title>
    <abstract>This is a snippet</abstract>
  </snippet>
  <snippet document_id="456" topic_id="001">
    <title></title>
    <abstract>This is another snippet of the same
topic</abstract>
  </snippet>

```

```
</snippets>
```

“Global Assessments Tags” File

Use: define the scale of relevance for annotating a document/snippet in its entirety

Name: **tags_global.xml**

Type: XML

Content: assement_codes assesment_descriptions

See also “tag codes” remark

Example :

```
<tags_global>
  <tag_global value="0">not relevant</tag_global>
  <tag_global value="1">relevant</tag_global>
</tags_global>
```

“Word Assessments Tags” File

Use: define the scale of relevance for annotating words in a snippet

Name: **tags_words.xml**

Type: XML

Content: assement_codes assesment_descriptions

See also “tag codes” remark

Example :

```
<tags_word>
  <tag_word value="-1">no assessment</tag_word>
  <tag_word value="0">not relevant</tag_word>
  <tag_word value="1">topical</tag_word>
  <tag_word value="2">relevant</tag_word>
</tags_word>
```

Imported Files

Files imported on the application

“Experts list” File

Use: adds experts to the campaign. Only new non-existing experts are added. Duplicate logins are skipped

Name: **experts.txt**

Type: Space Delimited Text

Content: expert_id password

Example:

```
IdOfExpert1 abcd
```

IdOfExpert2 efgh

“Assignment of assessments” File

Use: associates assessments with experts

Name: **assignments.txt**

Type: Space Delimited Text

Content: expert_id topic_id document_id

Example :

```
<assessments>
  <assessment>
    <expert_id>expert1</expert_id>
    <topic_id>001</topic_id>
    <document_id>456</document_id>
  </assessment>
  <assessment>
    <expert_id>expert1</expert_id>
    <topic_id>001</topic_id>
    <document_id>789</document_id>
  </assessment>
</assessments>
expert1 001 123
expert2 001 456
```

Exported Files

Files exported from the interface

“Remaining” files

“Remaining assessments” File

Use: exports all the remaining assessments in a file

Name: **remaining_assessments.txt**

Type: Space Delimited Text

Content: expert_id topic_id document_id

Example : see “Assignment of assessments” File

“Results” files

“Snippet global assessments” File

Use: contains all the global assessments from snippets

Name: **snippet_global_assessments.txt**

Type: Space Delimited Text

Content: topic_id document_id expert_id assessment

Example :

```
001 123 expert1 -1
```

```
002 456 expert2 1
```

“Document global assessments” File

Use: contains all the global assessments from documents

Name: **document_global_assessments.txt**

Type: Space Delimited Text

Content: topic_id document_id expert_id assessment

Example :

```
001 123 expert1 -1
```

```
002 456 expert2 1
```

“Snippet word assessments” File

Use: contains all the words assessments from snippets

Name: **snippet_word_assessments.txt**

Type: XML

Content: topic_id document_id expert_id (word indice annotation)*

See also “Elements with no assessment” remark

Example :

```
001 123 expert1 snippet 12 1 ...
```

```
002 456 expert2 This 11 -1 another 15 1 ...
```

“Document word assessments” File

Use: contains all the words assessments from documents

Name: **document_word_assessments.txt**

Type: Space Delimited Text

Content: topic_id document_id expert_id (word assessment)*

See also “Elements with no assessment” remark

Example :

```
001 123 expert1 doc 1 1 hello 2 0 ...
```

```
002 456 expert2 an 5 -1 example 6 0 ...
```

[Option #2] “Comments” File

Use: contains all the comments for assessments

Name: **global_coments.txt**

Type: Space Delimited Text

Content: topic_id document_id expert_id comment

Example :

```
001 123 expert1 commentA
```

```
002 456 expert2 commentB
```

Details

File organization

At startup, the server should read these files that are supposed to be up to date at any time.

To archive a campaign, the server should be stopped and the campaign directory removed from the server's root directory.

Tags Codes

Tag codes defined in "Global Assessments Tags" and "Word Assessments Tags" files are codes that can appear in the results files. Positive or null integer values tag codes **will appear** on the user interface. Negative integer values tag codes **will not appear** explicitly on the user interface.

Reserved tag codes:

- 2 → not reviewed (internal usage)
- 1 → reviewed with no assessment
- 0 → reviewed and considered as not relevant

If the -1 code is not listed in the tags list, that means the expert cannot leave a reviewed element (document, snippet, word) with no assessment.

Elements with no assessment

Elements (documents, snippets, words of documents, words of snippets) that are not reviewed by experts (internal tag code = -2) are **not listed** in results files.