Cognitive Interaction Toolkit - Feature #185

Create Command Line Tool for Accessing CITk Catalogue

2013-09-17 15:06 - Sebastian Wrede

Status:	Closed		**Start date:**	2013-09-17
Priority:	Normal		**Due date:**	
Assignee:	Thorsten Schodde		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:			**Spent time:**	21.00 hours

Description

When one starts really working with the CITk and its software, I wonder if besides access with a web-browser a command line tool is useful. The rationale is that it makes information lookup (and potentially further operations) much more convenient in a developers (or other automated) workflows.

So, for instance, I usually have the issue to fire up my browser to check documentation, SVN or other links. Much better would be to do this from the command line, e.g., to continue working with an SVN link or open the target documentation directly in the browser from the script.

To play around with this, I created an initial Python module that works on top of the JSON data available through the web interface. Please note, that this is a very early prototype but it allows already to lookup basic information as shown in the following:

Sebastians-MacBook-Air:citk-tool swrede$ citk-tool --query='*flobi*'
before tk
Component path: /Users/swrede/Workspace/citk-tool/data/components.json
Found 3 matching toolkit entites:
================================
https://toolkit.cit-ec.uni-bielefeld.de/components/actuation/flobis-oculomotor-control
https://toolkit.cit-ec.uni-bielefeld.de/components/communication/flobi-library
https://toolkit.cit-ec.uni-bielefeld.de/components/manipulation/flobi-server
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Flobi's Oculomotor Control
Author: https://toolkit.cit-ec.uni-bielefeld.de/user/649
Source: https://projects.cit-ec.uni-bielefeld.de/svn/flobi/apps/focus/
Homepage: N/A

Flobi Library
Author: https://toolkit.cit-ec.uni-bielefeld.de/user/435
Source: https://code.ai.techfak.uni-bielefeld.de/scm/ai/software/flobilib
Homepage: https://projects.cit-ec.uni-bielefeld.de/projects/flobi
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Flobi Server
Author: https://toolkit.cit-ec.uni-bielefeld.de/user/435
Source: https://code.ai.techfak.uni-bielefeld.de/scm/ai/software/flobi-server/trunk
Homepage: https://projects.cit-ec.uni-bielefeld.de/projects/flobi

It contains some hacks (and needs cleanup as well as extension) but some aspects already raise general questions about the http-based API of the toolkit (like if there is a server-side search-function that returns a list of references).

Anyway: If the general idea is appreciated, I'd check in the current code.

History

#1 - 2015-08-26 09:42 - Florian Lier

I'll be working on that

#2 - 2015-08-27 14:24 - Florian Lier

- Status changed from New to In Progress

- Assignee set to Thorsten Schodde

As discussed with thorsten he will implement this.

#3 - 2015-09-18 15:26 - Thorsten Schodde

- % Done changed from 0 to 90

#4 - 2015-09-25 14:00 - Thorsten Schodde

- Status changed from In Progress to Closed

- % Done changed from 90 to 100