

PB138/07 - Modern Markup Languages and Their Applications

Lab 04 [16.03.2020]
XQuery

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Instructions

(optional) File `04-help-files.zip` contains some helper files: 1. Saxon library to run xqueries, 2. `run.sh` (you can replace file values inside to run the conversion), 3. `xq-sample`, some sample queries.

If not using the script file, you can use `java -cp saxon9he.jar net.sf.saxon.Query myqueryfile` from command line (or use some online tool)

1. Go to the Interactive Syllabus Week4:
Týden 4 -- Dotazování nad XML daty (XQuery)
<https://is.muni.cz/auth/el/fi/jaro2020/PB138/index.qwarp?prejit=4672181>
2. Follow the instructions for the creation of **two** xquery files that meet the requirements of points 1) and 2) based on the source file at
<https://is.muni.cz/auth/el/fi/jaro2020/PB138/um/seminars/people.xml>
3. After completion, compress the two files and upload to homework vault
sem07/task02-week04/

References

Suggested material:

- XQuery Specifications
→ <https://www.w3.org/TR/xquery/>
- W3C School XQuery pages:
→ https://www.w3schools.com/xml/xquery_intro.asp
- XQuery Online Tester
→ <http://www.xpathtester.com/xquery>
- SAXON XSLT and XQuery Processor
→ <http://saxon.sourceforge.net/>