

Due date/discussion: 20.1.2012

## Exercise Sheet 9

### XQuery + Full Text

#### Exercise 1: Queries

In this exercise, we use the document exercise9-1.xml. Write the following queries:

- 1.1. Find all titles containing the word "usability"
- 1.2. Find all books containing "Web site" in a book or chapter title.
- 1.3. Find all titles and authors of books the subject of which contains "Web site development"
- 1.4. Find all books containing "identify" (or of the same family) both in the introduction and in a part introduction.

#### Exercise 2: Execute your queries

Execute your queries with MXQuery, Zorba 2 or BaseX. MXQuery and Zorba can be used from within XQDT or via the command line. Zorba (<http://try.zorba-xquery.com/>) and BaseX (<http://basex.org/products/live-demo/>) have online demos.

For MXQuery, please use the latest integration build from

<http://sgv-jenkins-01.ethz.ch/job/MXQuery/lastSuccessfulBuild/artifact/MXQuery/dist/mxquery.jar>

To active Fulltext, use the -fm parameter. For example:

```
java -jar mxquery.jar -fm -f myquery.xquery
```