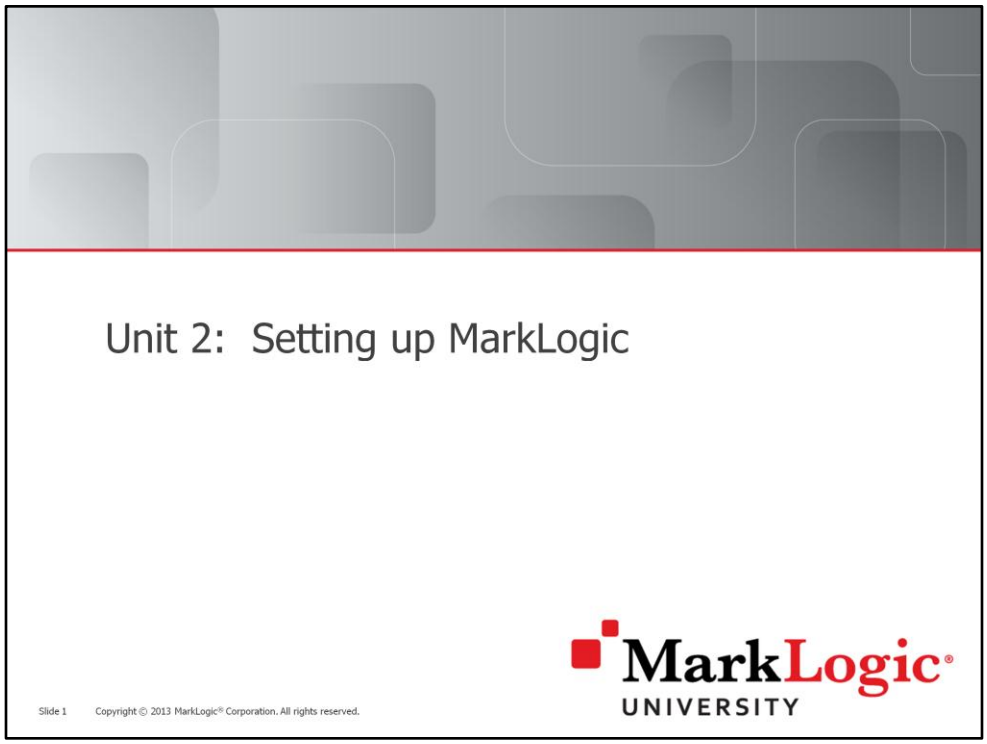


Learning Objectives

- Install and License MarkLogic Server
- Access the Admin Interface
- Use Query Console
- Explore Documentation and Resources

Installation

- Download appropriate binary
  - http://developer.marklogic.com
- Install
- Start MarkLogic service
- Install license
  - Default installation is setup with free Developer license
- Create MarkLogic admin account

The Admin Application

- Port 8001
- /MarkLogic Install Location/Admin/
- Perform Administrative Functions

Slide 4

MarkLogic UNIVERSITY

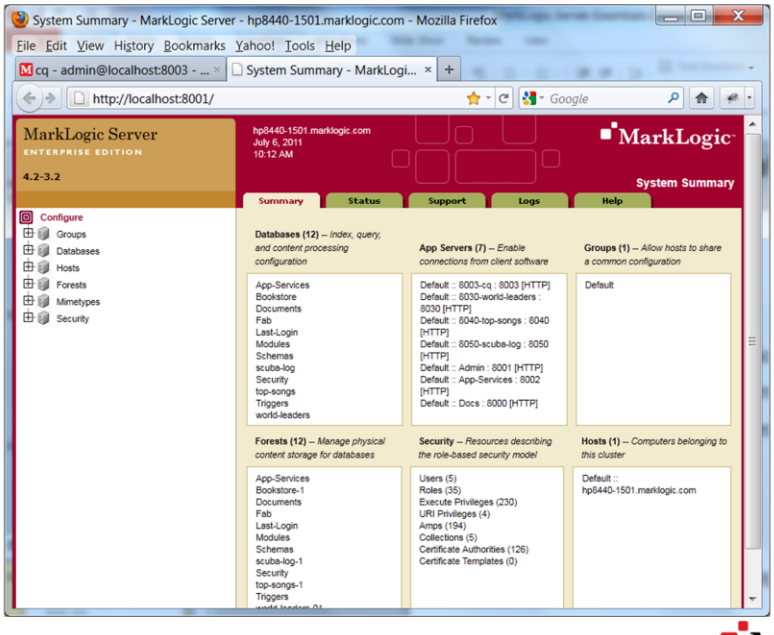
The MarkLogic Administration tool is a prebuilt XQuery application that is available on port 8001 after installation of the product. The codebase for this application can be found in the location where MarkLogic was installed, in the /admin/ folder.

The admin tool provides a UI for performing common tasks related to:

- Application Servers
- Databases and Forests
- Security settings
- Managing groups and clusters
- Monitoring the system

The core functions provided by the admin tool are also packaged as an API that can be used to script many of the tasks performed in the UI.

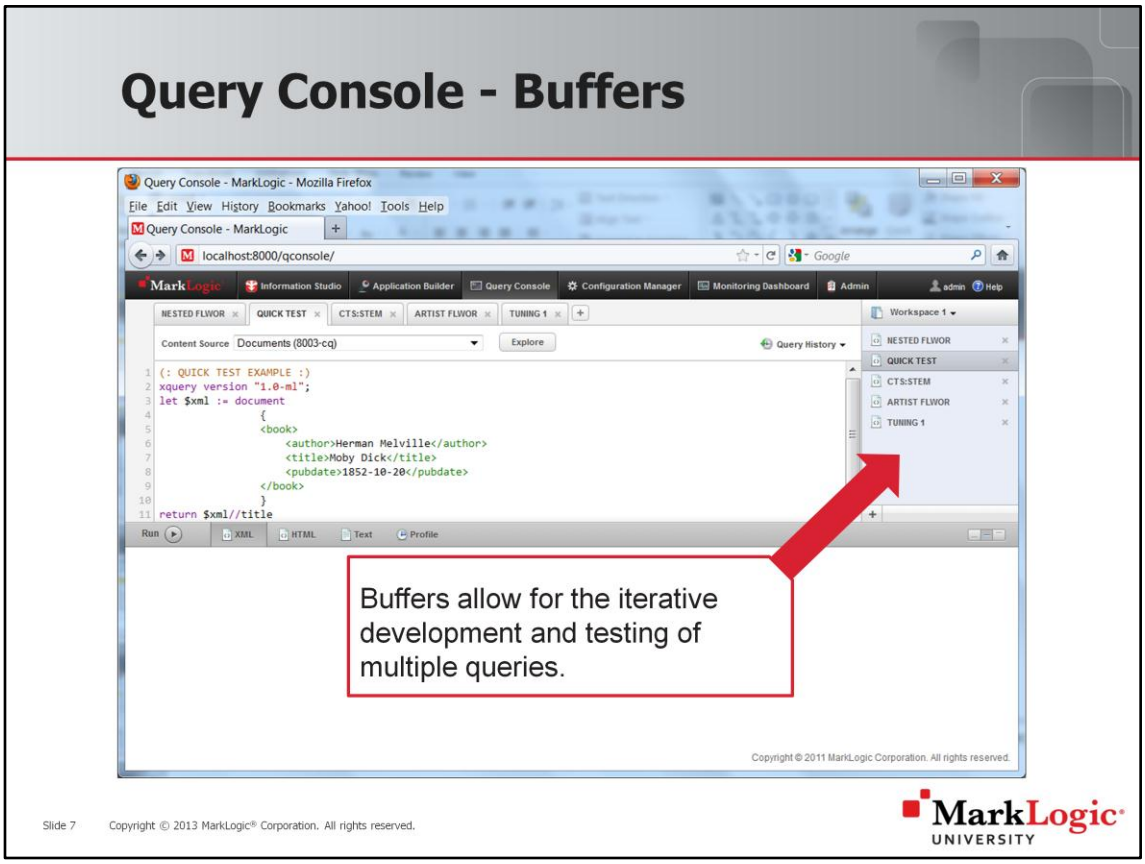
The Admin Application



The Query Console Application

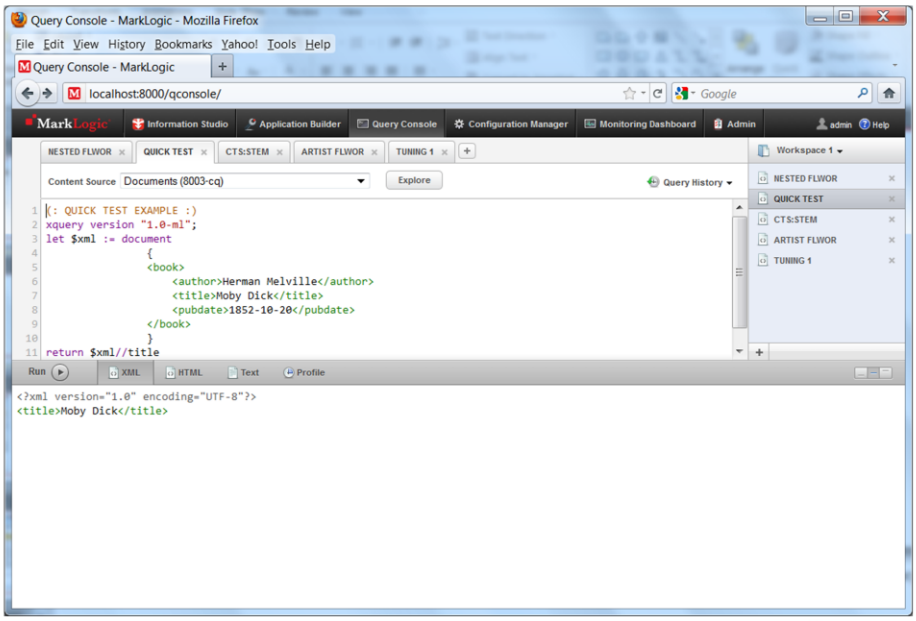
- Port 8000
- /MarkLogic Install Location/Apps/qconsole/
- XQuery development and testing tool
  - Multiple output formats
  - Create Sessions & Buffers
  - View XML data
  - Test queries against a specific database
  - Query performance

MarkLogic UNIVERSITY



The Query Console tool allows you to write several scripts and keep them saved in various buffers. The buffers will be saved until you overwrite them with new code. If you close out of your browser, they will be there the next time you return to use the Query Console application.

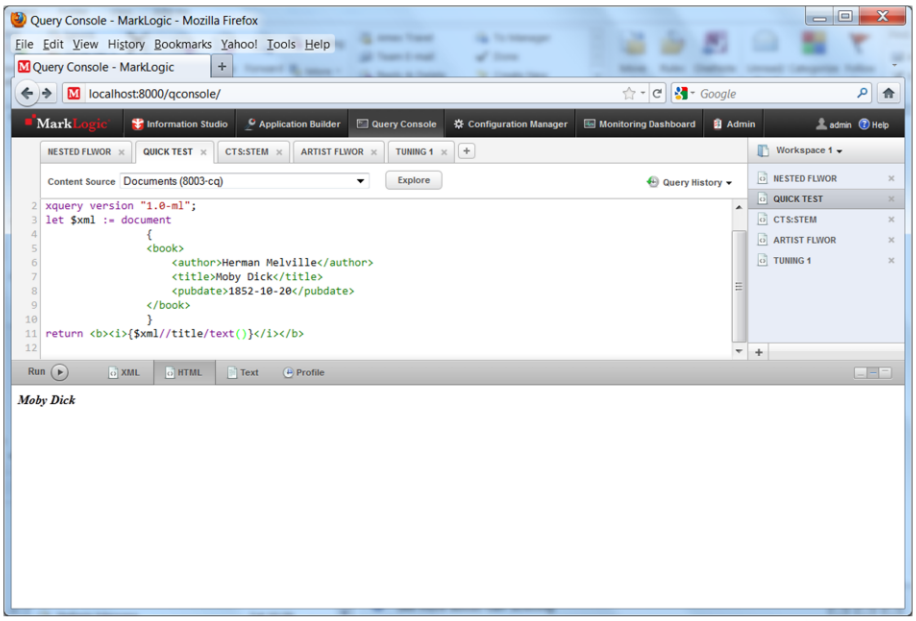
Query Console – XML Output



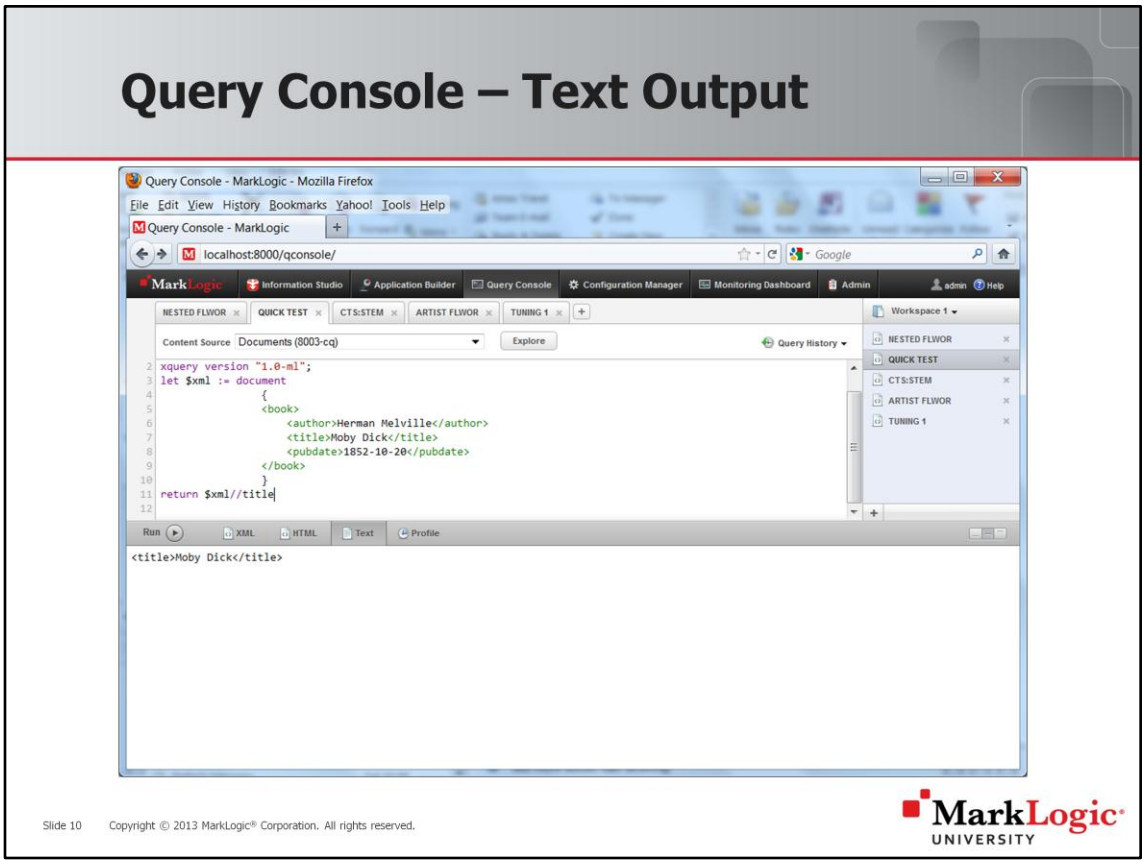
Slide 8

The XML button streams the result of your query as XML. If the result of your query is not XML, it will be wrapped in a <v:warning> tag. This is not an error, rather how Query Console was designed to behave to ensure that the output is formatted as XML.

Query Console – HTML Output

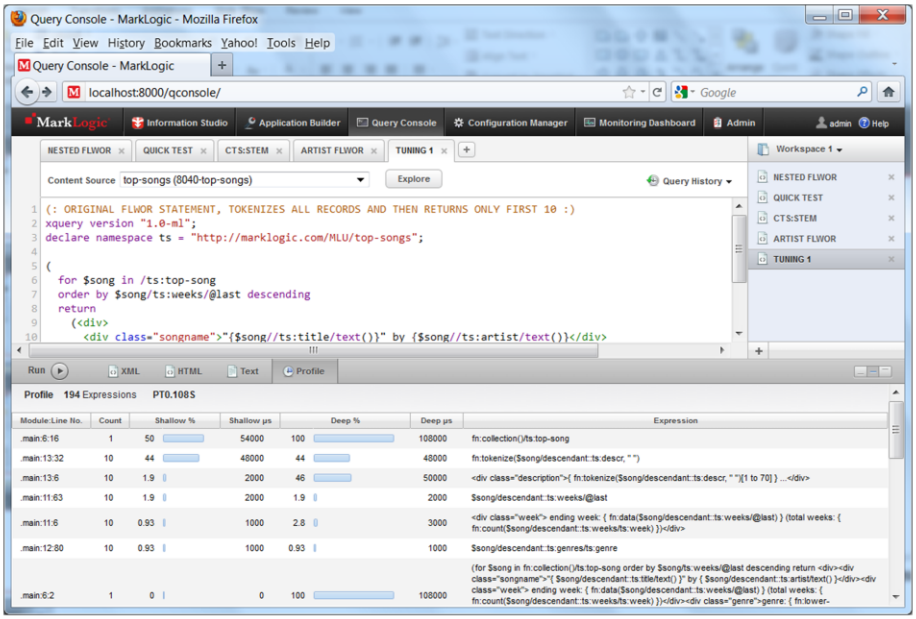


The HTML button provides a way for you to view how a browser would display your query result. This is useful if you have HTML markup being returned as a part of your query.



The text button streams your query result as a single text node.

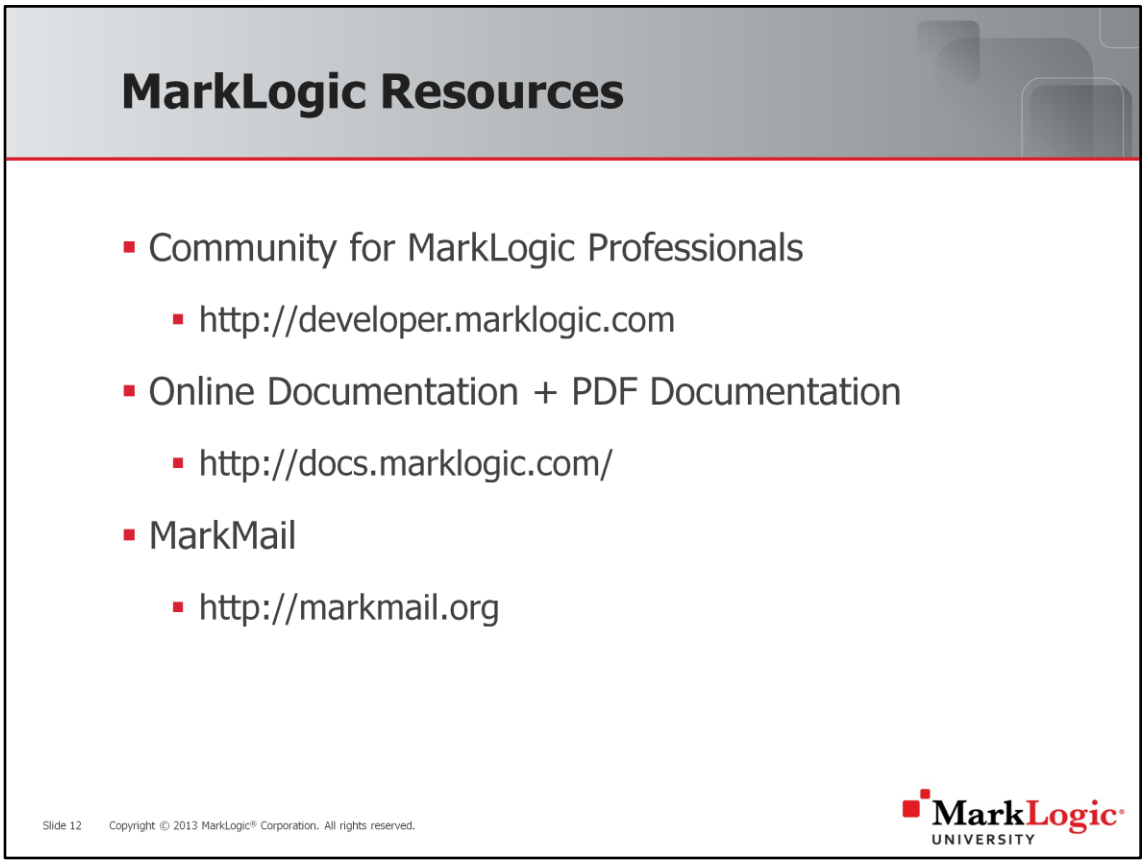
Query Console – Profile Output



Slide 11
MarkLogic UNIVERSITY

The profile button breaks your query down into expressions, and provides some performance information for each expression.

- Shallow = % of time spent in the single expression
- Deep = % of time spent in the expression + all sub expressions



Each of these sites are extremely useful in your day to day work with MarkLogic. Please take a moment to bookmark these now!!