

XQDT

XQuery Development Tools for Eclipse

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- Open source Eclipse plugin
- Eclipse incubator
- <http://wiki.eclipse.org/XQDT>

The screenshot displays the Eclipse IDE interface with the following components and annotations:

- Toolbar:** A red arrow labeled "Launching" points to the Run button (a green play icon).
- Debugger:** A red arrow labeled "Debugger" points to the "Debug" button in the top right toolbar.
- Script Explorer:** A red arrow points to the "f" folder in the project tree, which contains the file "f.xq".
- Code Editor:** Displays XQuery code with semantic highlighting. A red arrow points to the line `return $return`.

```
(: XQuery main module :)  
declare function local:return ((: $param as type, ... :)) as item() {  
  <return return="return">  
    return  
  </return>  
};  
for $return in local:return()  
return $return
```
- Outline:** A red arrow labeled "Outline" points to the "local:return() as item()" entry in the Outline view.
- Console:** Shows the output of the XQuery execution:

```
<terminated> f.xq [XQuery] /Users/mbrantner/Desktop/Sausalito Tools/plugins/com.28msec.sausalito.macosx.x86_64_1.0.12.201006211921,  
<?xml version="1.0" encoding="UTF-8"?>  
<return return="return">  
  return  
</return>
```
- Bottom Bar:** Shows "Writable", "Smart Insert", and "10 : 15".

Eclipse Ecosystem:

- XML Schema
- XHTML
- SVN
- ...

Code Editor Features:

- Semantic Highlighting
- Code Completion
- Code Assist
- Code Templates
- As-you-type validation

- 28msec (Sausalito)
- FLWOR Foundation (Zorba)
- MarkLogic (MarkLogic Server)
- IBM (WebSphere)

- Looking for
 - more contributors
 - use cases
- wtp-incubator-dev@eclipse.org