



ficus

Archimedes Project page image and figure attribute insertion

The web-based **ficus** tool is now obsolete. It has been replaced by a new implementation in [XSLT](#). The new **ficus.xsl** may be used from within Arboreal or with a standard XSLT processor.

The stylesheet is available at:

<http://archimedes.fas.harvard.edu/xsl/ficus.xsl>

Purpose

Ficus inserts attributes for page images and figures into an XML text in the Archimedes format. Each `<pb>` and `<figure>` tag gets both an `xlink:href` and an `id` attribute. Attributes are assigned according to the conventions for locators established in the document [Archimedes Project Repository: Working Draft 4](#).

Use within Arboreal

This is the preferred method for most Archimedes Project users. Choose one of the three methods described below, and then skip to the **Using Ficus** subsection.

Installation: The easy way

As of [Arboreal 4.9](#), scripts can be installed automatically. So long as the scriptbase is properly set (<http://archimedes.fas.harvard.edu/cgi-bin/>), you can select Install scripts from the Transform menu, select the Ficus item, and click .

Installation: The somewhat less easy way

To make **Ficus** available from the Transform menu, copy [ficus.xsl](#) into the **scripts** directory located within your personal **arboreal** directory. When Arboreal is restarted the next time, the Ficus menu option will be available under the Transform menu.

Don't feel like installing anything?

Your choice. You can directly use the script from its standard location by entering the URL

<http://archimedes.fas.harvard.edu/xsl/ficus.xsl>

directly into the dialog presented when you select the XSL transform... option from the Transform menu.

Using Ficus

1. Open the document you wish to process in Arboreal.
2. If you've installed Ficus locally, select the Ficus option from the Transform menu. Alternatively, you may follow the instructions under **Don't feel like installing anything?** above.
3. You will be prompted for a value for the parameter 'image-series'; the default is 01. For further information, see the [documentation of standards for image locators](#).
4. Arboreal will create a document with the inserted attributes and open it in a new window.

(This process may take several seconds.)

5. You may now save the resulting document (by selecting `Save XML document...` from the popup (context) menu.

Use with an XSLT processor

It should also be possible to use the stylesheet with a standard XSLT processor. For example, using **xsltproc** (a tool distributed with [libxml](#)):

```
xsltproc --stringparam image-series 02 ficus.xsl
monte_mecha_036_la_1577.xml
```

Expect invocation syntax to vary between processors.

Comments and suggestions

Comments and suggestions are welcome, and may be addressed to:

webmaster@archimedes.fas.harvard.edu

Last modified: Wed Aug 25 11:13:02 EDT 2004

