

io-port.net interface to OpenURL link resolver – technical details

Version 1.1

Please note: The document supply option has to be activated for your io-port.net account or for your user ID. Otherwise the link to the OpenURL link resolver will not be shown in the user interface.

OpenURL

io-port.net supports document ordering via OpenURL link resolvers. The format is specified according to OpenURL Standard Version 0.1

The OpenURL is defined as follows:

OpenURL ::= BASE-URL '?' QUERY

BASE-URL is the URL of a service-component that can take an OpenURL as input. A BASE-URL could be <http://sfxserver.uni.edu/sfxmenu>

QUERY describes the origin of the transported metadata-object as well as the metadata – object itself

A complete description of the OpenURL-0.1 syntax can be found at <http://alcme.oclc.org/openurl/docs/pdf/openurl-01.pdf>

Example:

An OpenURL -- before the mandatory Escape encoding-- would be :

<http://sfxserver.uni.edu/sfxmenu?sid=EBSCO:MFA&id=pmid:203456&pid<author>Smith, Paul ; Klein, Calvin</author>&<yr>98</yr>>

The corresponding encoded OpenURL is:

<http://sfxserver.uni.edu/sfxmenu?sid=EBSCO:MFA&id=pmid:203456&pid=%3Cauthor%3ESmith%2C%20Paul%20%3B%20Klein%2C%20Calvin%3C%2Fauthor%3E&%3Cyr%3E98%2F1%3C%2Fyr%3E>

A valid request to an OpenURL is, for example

<http://autodoc.fiz-karlsruhe.de/autodoc/openurl?sid=ioport&pid=&genre=article&aulast=Jan+Kybic%2C+Maureen+Clerc%2C+Olivier+Faugeras%2C+Renaud+Keriven%2C+Th%E9o+Papadopoulo&issn=0031-9155&coden=&title=Physics+in+Medicine+and+Biology&atitle=Fast+Multipole+Acceleration+of+the+MEG%2FEEG+Bou ndary+Element+Method&volume=50&issue=19&date=2005&pages=4695-4710>

Saving a BASE-URL in io-port.net

For each account, one or more BASE-URLs can be saved in io-port.net, together with a short display text for the user.

Example:

BASE-URL <http://sfxserver.uni.edu/sfxmenu>

Display text: Link resolver of the University library MyLibrary

Default:

If no BASE-URL has been saved, the following default values are used:

BASE-URL <http://autodoc.fiz-karlsruhe.de/autodoc/openurl>

Display text: FIZ Autodoc