

Developers installation guide for Windows

1 Required software

You will need to install and configure the following software:

[OpenOffice.org](#) (use 2.3, see issue [#87948](#) for more info)

[Subversion](#) (1.4.6 recommended)

[Python 2.5](#)

2 Install and Configure Python

1. Install Python using installation wizard
2. Add the Python path to your computer:
 1. My Computer > System Properties > Advanced > Environment Variables.
 2. Find "Path" from the list and click on Edit
 3. Add C:\Python25 to the end of the list.

2.1 Required Python packages

Download and install the following packages:

Name	URL	Version
Image	http://www.pythonware.com/products/pil/	PIL 1.1.5
libxml2 libxslt	http://xmlsoft.org/python.html http://users.skynet.be/sbi/libxml-python/binaries/libxml2-python-2.6.30.win32-py2.5.exe	libxml 2.6.30+, libxslt 1.1.22+ for python 2.5
pysvn	http://pysvn.tigris.org/project_downloads.html	PySVN 1.5.3 for python 2.5 and svn 1.4.6 installation kit
Cheetah templates	http://www.cheetahtemplate.org/	2.0.1
PyLucene	http://pylucene.osafoundation.org/	2.1.0 for Python25
Paste	http://pythonpaste.org/download/	

Name	URL	Version
Gdata	http://code.google.com/p/gdata-python-client/downloads/list	(Required for Atom Publishing)
py2exe	http://www.py2exe.org	For python 2.5 (Required for building Binary)

2.2 Verify the packages are installed

The Python packages can be verified by:

```
run python
>>>import Image
>>>import libxslt
>>>import libxml2
>>>import pysvn
>>>import Cheetah
>>>import PyLucene
>>>import paste
>>>import gdata
>>>import py2exe
```

3 Configure OOo

1. Open [Configure OpenOffice.org](http://www.openoffice.org)
2. When the document loads select enable macros.
3. From the menubar select ICE...Change port
4. Enter 2002
5. Close the document and restart the application

4 Source code

1. Checkout the source code:

```
svn co http://ice.usq.edu.au/svn/ice/trunk/apps ice-source
```

2. Run ICE from the source

```
cd ice-source/apps/ice
python ice2.py
```

5 Configure ICE

5.1 Add a SVN repository

1. Start the ICE server
Go to Start...Program Files...ICE 2.0...ICE server
2. Go to <http://localhost:8000>, the 'Config editor' page will load
3. Enter a SVN URL in the 'New repository URL:' field or fill in the information required under 'Advanced repository settings'
4. Click 'Save' and then click 'Close editor'.
5. Enter your username and password for the SVN URL provided.

ICE will then checkout the content from the given SVN URL.

NB: Internet Explorer (IE) may cache the login page, to resolve this set IE preferences for caching to always load new page instead of automatic.

5.2 Add document templates

Before you can create documents using ICE you will need to add some ICE templates. In order to use the ICE templates affectively also install the [word processor toolbars](#).

1. Create a folder called 'templates' in the root of your repository. For example if your content was located in `c:\ICE\MyFiles` make the directory `c:\ICE\MyFiles\templates`
2. Download either an OpenOffice.org template ([Default.odt](#)) and/or Word template ([Default.doc](#)) into the templates directory you just added. Change these files or add others into the template directory as required.

You should now be able to create new files using the "Add" tab in ICE.