

Developers installation guide for Windows

1 Required software

You will need to install and configure the following software:

[OpenOffice.org](#)

[Subversion \(minimum 1.5.3\)](#)

[Python2.5](#)

2 Install and Configure OpenOffice.org

1. Download [OpenOffice.org 3.1](#) (Don't use 2.4, see issue [#89428](#)).
2. Install OpenOffice.org, use the default settings.

Install Toolbar

1. Download and install [ICE Toolbar](#)

Configure OpenOffice.org

1. Open a Text Document in OpenOffice.org
2. Set Port
 - a. From the **ICE Toolbar**, select **Help**
 - b. Click **Change Port**
 - c. Type **2002** in the text box
 - d. Click **OK**
 - e. Close the document and restart OpenOffice.
3. Change security setting.
 - a. Open **OpenOffice.org**
 - b. Select **Tools**
 - c. Choose **Options**
 - d. Under the **OpenOffice.org** option, choose **Security**
 - e. Under Macro security section, click **Macro Security**
 - f. Under Security Level tab, ensure **Medium** is selected
 - g. Click the **OK** button twice to close options

3 Install and Configure Python2.5

1. Install [Python 2.5](#) 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.

3.1 Installation packages

We recommend that our pre-made site-package directory be downloaded for all Windows compatible python libraries, alternatively they can be installed individually.

3.1.1 Download complete site-packages

1. Download zip file from [site-packages](#)
2. Unzip site-packages.zip into C:\Python25\Lib\
3. Check installation is [successful](#)

3.1.2 Download individual packages

Download installation packages into a single directory (C:\packages_for_install)

```
cd C:\
mkdir packages_for_install
```

Easy Install

http://peak.telecommunity.com/dist/ez_setup.py

Paste

<http://pypi.python.org/packages/2.5/P/Paste/Paste-1.6-py2.5.egg#md5=8171bddf46ebfc8c144d61262ff8544f>

Cheetah

<http://optusnet.dl.sourceforge.net/sourceforge/cheetahtemplate/Cheetah-2.0.1.tar.gz>

Cheetah compiled namemapper

http://cheetahtemplate.org/_namemapper.pyd2.5 and rename to _namemapper.pyd2.5 (remove the version number from the end) and install it wherever your system puts Cheetah/NameMapper.py.

Gdata

<http://gdata-python-client.googlecode.com/files/gdata.py-1.0.11.zip>

Libxml2 and Libxslt

<http://users.skynet.be/sbi/libxml-python/binaries/libxml2-python-2.6.30.win32-py2.5.exe>

Image

<http://effbot.org/downloads/PIL-1.1.6.win32-py2.5.exe>

PySvn

<http://pysvn.tigris.org/files/documents/1233/41264/py25-pysvn-svn146-1.5.3-904.exe>

PyLucene

<http://pylucene-win32-binary.googlecode.com/files/PyLucene-2.3.0-1.win32-py2.5.exe>

JRE

Ensure current jre is installed from www.java.com

pyCurl

<http://pycurl.sourceforge.net/download/pycurl-ssl-7.16.4.win32-py2.5.exe>

reportLab

<http://www.reportlab.org/ftp/reportlab-2.3.win32-py2.5.exe>

py2exe

http://sourceforge.net/project/showfiles.php?group_id=15583

foresite

<http://foresite-toolkit.googlecode.com/files/foresite-1.1.tgz>

rdflib

<http://rdflib.net/rdflib-2.4.1.tar.gz>

3.1.3 Install packages

Open a command window and change to the directory where you have downloaded all of these packages.

```
cd C:\packages_for_install
```

ez_setup

```
python ez_setup.py
```

Paste

```
c:\Python25\Script\easy_install Paste-1.6-py2.5.egg
```

Cheetah

Unzip Cheetah into its own directory.

```
cd Cheetah-2.0.1
python setup.py install
```

Textile

```
easy_install -Z textile
```

Gdata

Unzip gdata into its own directory.

```
cd gdata.py-1.0.11
python setup.py install
```

OpenID

```
easy_install -Z python-openid
```

pyPdf

```
easy_install -Z pyPdf
```

foresite

Unzip foresite into its own directory.

```
cd foresite-1.1
python setup.py install
```

rdflib

rdflib on Windows is a more complicated and requires the use of cygwin's ming32 compiler. See instructions for [SetupOnWindows](#)

3.2 Verify the packages are installed

The Python packages can be verified by:

```
python
Type "help", "copyright", "credits" or "license" for more
information.
>>> import Image
>>> import libxml2
>>> import pysvn
>>> import Cheetah
>>> import paste
>>> import gdata
>>> import py2exe
>>> import pyPdf
>>> import openid
>>> import gdata
>>> import textile
>>> import rdflib
>>> import foresite
>>> import lucene
>>> import curl
>>> import reportlab
```

4 Source code

1. Checkout the source code:

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

2. Run ICE from the source

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

5 Configure ICE

1. Go to `http://localhost:8000`, and a configuration page will load
2. Add subversion repository

5.1 Add document templates

1. Create a folder called `templates` in the root of your repository. If your content is located in `C:/ICE/MyFiles`, create `C:/ICE/MyFiles/templates`
2. Download either an OpenOffice.org template ([Default.odt](#)) and/or Word template ([Default.doc](#)) into `C:/ICE/MyFiles/templates`.
3. These template files form the basis of ICE documents, they can be changed or others added, as required.