

Starting OpenOffice.org in Listening Mode

Aus Apache OpenOffice Wiki
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Most examples in this developers guide connect to a running OpenOffice.org and perform API calls, which are then executed in OpenOffice.org. By default, the office does not listen on a resource for security reasons. This makes it necessary to make OpenOffice.org listen on an interprocess connection resource, for example, a socket. Currently this can be done in two ways:

- Start the office with an additional parameter:

```
soffice -accept=socket,host=0,port=2002;urp;
```

This string has to be quoted on unix shells, because the semicolon ';' is interpreted by the shells

- Place the same string without '-accept=' into a configuration file. You can edit the file

<OfficePath>/share/registry/data/org/openoffice/Setup.xcu
and replace the tag

```
<prop oor:name="ooSetupConnectionURL"/>
```

with

```
<prop oor:name="ooSetupConnectionURL">
<value>socket,host=localhost,port=2002;urp;StarOffice.ServiceManager
</value>
</prop>
```

If the tag is not present, add it within the tag

```
<node oor:name="Office"/>
```

This change affects the whole installation. If you want to configure it for a certain user in a network installation, add the same tag within the node `<node oor:name="Office"/>` to the file *Setup.xcu* in the user dependent configuration directory *<OfficePath>/user/registry/data/org/openoffice/*

Choose the procedure that suits your requirements and launch OpenOffice.org in listening mode now. Check if it is listening by calling *netstat -a* or *-na* on the command-line. An output similar to the following shows that the office is listening:

```
TCP <Hostname>:8100 <Fully qualified hostname>: 0 Listening
```

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If you use the `-n` option, `netstat` displays addresses and port numbers in numerical form. This is sometimes useful on UNIX systems where it is possible to assign logical names to ports.

If the office is not listening, it probably was not started with the proper connection URL parameter. Check the `Setup.xcu` file or your command-line for typing errors and try again.



Note: In versions before OpenOffice.org 1.1, there are several differences.

The configuration setting that makes the office listen every time is located elsewhere. Open the file `<OfficePath>/share/config/registry/instance/org/openoffice/Setup.xml` in an editor, and look for the element:

```
<ooSetupConnectionURL cfg:type="string"/>
```

Extend it with the following code:

```
<ooSetupConnectionURL cfg:type="string">  
  socket,port=2083;urp;  
</ooSetupConnectionURL>
```

The commandline option `-accept` is ignored when there is a running instance of the office, including the quick starter and the online help. If you use it, make sure that no soffice process runs on your system.

The various parts of the connection URL will be discussed in the next section.

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