

## QGIS Application - Bug report #890

### python plugin installer unzip fails

2008-01-06 11:50 AM - browlingson -

<b>Status:</b>	Closed	
<b>Priority:</b>	Low	
<b>Assignee:</b>	nobody -	
<b>Category:</b>	Python plugins	
<b>Affected QGIS version:</b>		<b>Regression?:</b> No
<b>Operating System:</b>	All	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b> fixed
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 10949

#### Description

The plugin installer downloads python plugins as a zip file. The code in `qgis_plugins.py` fails to unzip correctly if the top-level folder entry is not included in the zip.

It is possible to make a zip file with no top-level folder entry by doing:

```
zip foo.zip ./foo/*
```

instead of:

```
zip -r foo.zip ./foo
```

The code fails because it tries to create the directory hierarchy by looking for entries in the zip that end in '/'. If this isn't in the zip file then it then tries to extract a file to a non-existing directory, giving an error dialog that suggests (wrongly) it may be a permission problem.

Googling for python and unzip found the source of this code and some fixes in the comments.

There's a few 'try:except' clauses in the code that might be rewritten to return the exception so that a user gets more information when something fails.

Oh, and a line in `installer_plugin.py` that should maybe be:

```
plugindir = os.path.join(os.path.normpath(str(QgsApplication.qgisSettingsDirPath())), "python", "plugins")
```

instead of concatenating path components.

#### History

##### #1 - 2008-01-07 04:40 PM - Gary Sherman

- Resolution set to fixed

- Status changed from Open to Closed

##### #2 - 2008-01-07 04:40 PM - Gary Sherman

Fixed at