QGIS Application - Bug report #890
python plugin installer unzip fails

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

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