QGIS Plugin Site - Bug report #5934
Regex fails to detect qgisMinimumVersion in __init__ because regex wants all returns to be quoted

2012-07-03 11:35 PM - Tim Sutton

Status:	Closed
Priority:	Normal
Assignee:	Alessandro Pasotti
Category:	
Pull Request or Patch supplied:	No

Description

If the *init* file first computes the return value in a var and then returns the var, the validator.py regex at line 30 fails to return any further key value pairs. See below for an example:

Fails:

```
def icon():
    """Icon path for the plugin - metadata.txt it will override this"""
    myPath = os.path.join(os.path.dirname(__file__), 'gui', 'resources',
            'img', 'icon.png')
    return myPath

def qgisMinimumVersion():
    """Minimum version of QGIS needed to run this plugin - currently set to 1.7."""
    return '1.7'
```

This works:

```
def icon():
    """Icon path for the plugin - metadata.txt it will override this"""
    return os.path.join(os.path.dirname(__file__), 'gui', 'resources',
            'img', 'icon.png')

def qgisMinimumVersion():
    """Minimum version of QGIS needed to run this plugin - currently set to 1.7."""
    return '1.7'
```

History

#1 - 2012-07-03 11:44 PM - Alessandro Pasotti

- Status changed from Open to Feedback

It's not a bug, it's a "feature" :)

If you have a better solution than parsing init with regexps, please give your advice.

#2 - 2012-07-04 05:18 AM - Tim Sutton

I should have addeded that for me the desired behaviour would be to continue to fetch readable metadata in the event that a particular function's return

cannot be parsed.

#3 - 2012-07-04 05:21 AM - Tim Sutton

Alessandro Pasotti wrote:

> It's not a bug, it's a "feature" :)
>
> If you have a better solution than parsing init with regexps, please give your advice.

Yes I agree loading the *init* using python is bad - using regexps is good. I tried to manipulate the regex to account for the fact that in some cases the return data is not a quoted string and to skip it, but I couldn't find a neat way to do it yet.

#4 - 2012-10-05 03:39 AM - Alessandro Pasotti

- Status changed from Feedback to Closed

Today I uploaded the new *init*.py parser, it should be more robust than before but it still doesn't import python (for the well know security reasons).

Given the fact that *init*.py usage is deprecated I'm closing this bug with wontfix.