

## QGIS Application - Feature request #4756

### Add compile-time option "qgis-server-only"

2012-01-06 09:26 AM - aperi2007 -

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	QGIS Server	
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> fixed
<b>Easy fix?:</b>	No	<b>Copied to github as #:</b> 14624
<b>Description</b>  Actually compile qgis for use as a qgis-server require to install many libraries absolutely unuseful like the QTWEBKIT.  In some OS like redHat there is really difficult to retrieve some libraries, and if the libraries missing are libraries that are unuseful for qgis-server.  An option at compile-time like "qgis-server-only" will allow to use the qgis-server more easily in many OS.		

#### Associated revisions

**Revision 8a2ea36a - 2012-01-09 12:43 AM - Jürgen Fischer**

[FEATURE] make desktop build optional (but default; fixes #4756)

#### History

**#1 - 2012-01-06 10:06 AM - Paolo Cavallini**

- Assignee deleted (Paolo Cavallini)

**#2 - 2012-01-08 03:44 PM - Jürgen Fischer**

- Status changed from Open to Closed

- % Done changed from 0 to 100

Fixed in changeset commit:"8a2ea36a6e5c114fbe4e77d35729fadefabca8d1".

**#3 - 2012-01-09 05:29 AM - aperi2007 -**

- Assignee set to Paolo Cavallini

I tested it.

Now it don't ask no more for the QTWEBKIT.

But it ask for the FastCGI library.

Unfortunately not all the server web can use it.

I'm using tomcat (not apache).

And it don't allow the use of FastCGI.

I know FastCGI is a library to speedup the execution.

In the standars web server.

2025-04-27

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But Tomcat is a special web-server that has inside a mechanism like that of the FastCGI.

Infact the difference between a CGI and a FastCGI is that the CGI startup on every request the environment where run the executable. FastCGI make it persistent in memory speeding up so the startup of environmnet (is just started).

Tomcat work with a similar mechanism, also it don't use the FastCGI library.

So I guess should be better if the FastCGI was an optional parameter.

So even the webserver that cannot use the FastCGI could try to use the qgis-server.

Thx,

Andrea.

#### #4 - 2012-01-09 05:53 AM - Jürgen Fischer

aperi2007 - wrote:

| *Now it don't ask no more for the QTWEBKIT.*  
| *But it ask for the FastCGI library.*

mapserver will not work without libfcgi, but mapserver can still be run in CGI and FastCGI mode.

#### #5 - 2012-01-09 07:20 AM - Paolo Cavallini

- Assignee deleted (Paolo Cavallini)

#### #6 - 2012-01-09 07:21 AM - Paolo Cavallini

- Status changed from Closed to Open

So fastcgi is necessary for compilation, even if not used because the server will run under Tomcat?

#### #7 - 2012-01-09 07:42 AM - Giovanni Manghi

Paolo Cavallini wrote:

| *So fastcgi is necessary for compilation, even if not used because the server will run under Tomcat?*

as far as I understand qgis-server is fast-cgi only, (umn) mapserver can be run as cgi and fastcgi.

#### #8 - 2012-01-09 08:12 AM - Jürgen Fischer

- Resolution set to fixed

- Status changed from Open to Closed

Paolo Cavallini wrote:

| *So fastcgi is necessary for compilation, even if not used because the server will run under Tomcat?*

yes.