

## Redmine - Feature #20008

### Files upload Restriction by files extensions

2015-06-03 16:07 - Varadharajan Sundaram

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	Attachments	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.2.0		
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Hi,			
We are using redmine 2.5.1 with below settings in Ubuntu 14.04 LTS			
Environment:			
Redmine version 2.5.1.stable			
Ruby version 2.0.0-p645 (2015-04-13) [x86_64-linux-gnu]			
Rails version 3.2.17			
Environment production			
Database adapter MySQL			
SCM:			
Subversion 1.8.8			
Git 1.9.1			
Filesystem			
Redmine plugins:			
AgileDwarf 0.0.3			
progressive_projects_list 1.0.0			
redmine_cas 1.2.1			
redmine_issue_templates 0.1.0			
redmine_ldap_sync 2.0.4.g0693d11a0c			
Everything is working fine but our security team is rejected to expose outside (internet) because of there is no option for Files extensions upload restrictions. That means, we need to allow only certain files but right now redmine is accepting all the files extensions (.exe,zip,msi,...etc). I searched in entire issues and google but no luck. Please let me know, what is the solution for this and treated this as a bug.			

#### Associated revisions

##### Revision 14792 - 2015-11-01 11:41 - Jean-Philippe Lang

Files upload restriction by files extensions (#20008).

##### Revision 14793 - 2015-11-01 11:41 - Jean-Philippe Lang

Adds strings to locales (#20008).

#### History

##### #1 - 2015-06-03 16:16 - Toshi MARUYAMA

- Tracker changed from Defect to Feature
- Category changed from Files to Attachments
- Priority changed from High to Normal

##### #2 - 2015-06-03 16:17 - Toshi MARUYAMA

- Subject changed from Files upload Restriction is not available to Files upload Restriction by files extensions

##### #3 - 2015-06-08 11:51 - Varadharajan Sundaram

Please let me know, can i try any alternative method to fix this issue ?

##### #4 - 2015-06-09 14:56 - madhusudan kh

- *File attachment.rb.patch added*
- *File en.yml.patch added*

Hi,

I got it working by weired hack!, I was facing the same issue, our security team wont allow site to be exposed outside until basic security vulnerabilities are fixed, I tried with apache by doing Filesmatch but that didn't work, so came up with this solution.

Ideally this is one of the basic need for all web applications!, don't know why this was ignored!, anyways here it is.

u need to change 2 files (in my system redmine is installed in /usr/share/)

main file to allow valid file types  
/usr/share/redmine/app/models/attachment.rb

language wise error notification output file  
/usr/share/redmine/config/locales/en.yml

check the patch Files attached for patching the above two files, and make sure u take these two files backup before patching.

how to patch:  
just cd to that respective directory and enter below command

```
patch -p0 < attachment.rb.patch
patch -p0 < en.yml.patch
```

(note: only files with below file types are allowed)

('.txt','.csv','.htm','.html','.xml','.css','.doc','.docx','.xls','.xlsx','.rtf','.ppt','.pptx','.pdf','.swf','.flv','.avi','.wmv','.mov','.jpg','.jpeg','.gif','.png')

if you want to add or delete extensions for allowed file types u can modify file /usr/share/redmine/app/models/attachment.rb

just go through u will get it..

Hope it will be useful for someone who are in really need, also hope to see this feature in next version?..:-)

#### #5 - 2015-10-06 11:52 - Jonathan Tee

- *File redmine-WhitelistAndBlacklist-attachment-extensions.diff added*
- *File screenshot.png added*

Hi,

we made a new version of this patch, which should be easier to integrate into core. When patch is installed, it will make nothing. But under Settings you are able to define your own white/blacklist for file extensions.

the following checks are made if you try to upload new files:

empty whitelist, empty blacklist: everything is allowed  
empty whitelist, defined blacklist: only not blacklisted extensions are allowed  
defined whitelist, empty blacklist: only whitelisted extensions are allowed

if a extension is blacklisted, whitelist will not be checked anymore for this extension

Patch made for Redmine3.1

#### #6 - 2015-10-06 18:25 - Jean-Philippe Lang

- *Assignee set to Jean-Philippe Lang*
- *Target version set to 3.2.0*

#### #7 - 2015-11-01 11:41 - Jean-Philippe Lang

- *Status changed from New to Closed*
- *Resolution set to Fixed*

Feature added in [r14792](#).

## Files

attachment.rb.patch	1.21 KB	2015-06-09	madhusudan kh
---------------------	---------	------------	---------------

en.yml.patch	742 Bytes	2015-06-09	madhusudan kh
redmine-WhitelistAndBlacklist-attachment-extensions.diff	4.08 KB	2015-10-06	Jonathan Tee
screenshot.png	59.3 KB	2015-10-06	Jonathan Tee