

## Redmine - Patch #4368

### rdm-mailhandler.rb should provide feedback to the MTA, rather than failing silently

2009-12-09 09:52 - Peter Fern

<b>Status:</b>	Closed	<b>Start date:</b>	2009-12-09
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Email receiving	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.9.0		
<b>Description</b>			
<p>This patch causes the script to return an exit code to the spawning process, adds a message about invalid email addresses (response.code == 422), returns 77 (EX_NOPERM) for 400..499, returns 75 (EX_TEMPFAIL) for 500..599, and returns 1 for all other errors.</p> <p>I'm not sure if EX_TEMPFAIL is the right thing to do for 5xx errors (or at least for <i>all</i> 5xx errors), but it seemed like a good idea as these are usually transient.</p>			

#### Associated revisions

##### Revision 3143 - 2009-12-09 11:44 - Jean-Philippe Lang

Improve rdm-mailhandler exit status (#4368).

#### History

##### #1 - 2009-12-09 10:23 - Jean-Philippe Lang

Is there a particular meaning for the return codes 77 and 75 ?

##### #2 - 2009-12-09 10:41 - Peter Fern

Jean-Philippe Lang wrote:

Is there a particular meaning for the return codes 77 and 75 ?

Indeed, they come from syssexits.h, and are used by many MTAs to decide what action is to be taken for processing handler errors returning these codes. The textual representations are fairly self-explanatory, and the actions taken vary depending on MTA and configuration, however for clarity, an excerpt from syssexits.h:

```
#define EX_TEMPFAIL 75 /* temp failure; user is invited to retry */
#define EX_NOPERM 77 / permission denied */
```

So, 75 generally results in the email being re-queued for a later delivery attempt (often there is a re-queue limit, and the mail will eventually bounce), and 77 generally results in emails being bounced immediately with an error description (permission denied).

##### #3 - 2009-12-09 11:39 - Jean-Philippe Lang

- Status changed from New to Closed

- Target version set to 0.9.0

Patch committed in [r3143](#) with small changes to the messages and 403 response code fixed (was 443 in your patch). Thanks.

##### #4 - 2009-12-09 12:07 - Peter Fern

Whoops, thanks for catching that, and for the commit.

#### Files

rdm-mailhandler_exitcode.patch	1.55 KB	2009-12-09	Peter Fern
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