ChiliProject - Feature # 636: Implement solution for spam prevention

Status:	Open	**Priority:**	Normal
Author:	Daniel Nauck	**Category:**	User accounts
Created:	2011-09-22	**Assignee:**	
Updated:	2011-09-23	**Due date:**	

Remote issue URL:	
Affected version:	
Description:	Hello,

as discussed in the "forum post":https://www.chiliproject.org/boards/1/topics/218 chiliprojects needs a solid spam prevention method.

Since the recaptcha plugin is only targeted agains redmine and was incompatible with every version of chiliproject it would be a good idea to have such spam prevention method directly in chiliproject.

I think most users uses chili project as public installations for open source projects, so spam bots a a real problem. Had the same problems with Trac in the past.

Thanks.

History

2011-09-22 08:45 am - Holger Just

- (deleted custom field) deleted (https://www.chiliproject.org/boards/1/topics/218)

- Target version deleted (3.0.0)

Please describe a bit more detailed what exactly you are currently missing. "Spam prevention" is a very generic term so please provide one or more actual use cases where an applied measure can prevent a spam vector. Most important would be the description of the spam vector.

In my personal experience, the most successful anti-spam measure so far was to require registration and email verification. Stuff that goes through is 99% human source and can't be prevented by automated anti-spam measures.

2011-09-22 09:14 am - Holger Just

- Status changed from Open to Needs more information

2011-09-23 08:10 am - Daniel Nauck

- Status changed from Needs more information to Open

Hello,

to write a bot that automaticly register and check an POP3 account to visit the email verify link is a work of 15 minutes.

There're 2 areas where we need to prevent spam:

h3. Registration

Implement an entry point for a verification provider. A default included one could be a captcha (e.g. ReCaptcha) or some Q&A module (answer "1 + 5 = ?",), etc. This will prevent automatic registration. The email verification is in this case just a check that the email address is correct, so chili does not spam wrong users with ticket changes & co.

h3. Creating/modifing content

As we all know, spammers sometimes register accounts by hand to work around captchas & co and add them to their "spam pool". Some time later these accounts will start to spam the issues, wiki, etc. Then its too late and we have a lot of work to delete this spam content and the users.

So here again, implement a entry point for a verification provider that will verify every change to content for non admins, non developers & co.

* a captcha
* a Q&A module
* some public useable content filter, e.g. Akismet & others (Mollom, AntiSpam Bee, Defensio and Typepad Antispam, etc)

I recommend to implement first a registration verify provider with an captcha (e.g. ReCaptcha) and/or a Q&A module.
This could be easily included into the chili core.