mail2trac: a pluggable email handler for Trac

Valentin SCHMITT

Bearstech

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mail2trac

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   - Features
   - Workflow
   - Examples
   - Future
Trac

Features

- Comprehensive project management tool
Features

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- ticket management system
Trac

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  - ticket management system
  - web interface for VCS

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  - and more . . .
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- Python
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Trac

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- Comprehensive project management tool
  - ticket management system
  - web interface for VCS
  - wiki
  - and more . . .
- Python
- Extendable by plugins
- Free Software (3-clause BSD)
Ok, I will!
What we needed:

Create, comment and modify tickets by mail
Easy configuration for multiple tracs

email2trac in C, difficult to use with multiple Tracs
mail2trac in Python, just a draft

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Create ticket create:
<table>
<thead>
<tr>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create ticket create:</td>
</tr>
<tr>
<td>Comment ticket #42</td>
</tr>
</tbody>
</table>
Features

Create ticket  create:
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Compatible with Trac’s ticket workflow
Handle Trac permissions
Workflow

1. Mail redirected to mail2tracAdmin script
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3. Mail parsed
4. Trac’s workflow used
From: Gawel <gpasgrimaud@bearstech.com>
To: marvin_trac
Subject: create : Root access needed

Can I get my ssh pubkey added to the root account, please?

#component: Sysadmin
   #priority: critical
#owner: _bibi

#end
Examples

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From: marvin_trac
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Subject: #42: Root access needed

#42: Root access needed
-----------------+---------------
Reporter: Gawel | Owner: _bibi
Type: task | Status: new
Priority: critical | Milestone:
Component: Sysadmin | Version:
Resolution: | Keywords:
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Can I get my ssh pubkey added to the root account, please?
Examples

From: _bibi <vschmitt@bearstech.com>
To: marvin_trac
Subject: Re: #42: Root access needed

Nope, you won’t.
#wontfix
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Changes (by _bibi):

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Component: Sysadmin | Version:
Resolution: | Keywords:
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Changes (by _bibi):

* status: new => wontfix

Comment:

Nope, you won’t.
Future

- GPG authentication
Future

- GPG authentication
- Wiki page request, creation, modification
For further information

http://trac-hacks.org/wiki/MailToTracPlugin
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- http://trac-hacks.org/wiki/MailToTracPlugin
- http://trac.edgewall.org
- irc://irc.freenode.net/#trac
- http://bearstech.com
Thanks!
Thanks & happy hacking!