Hackathon ECF 2015

Eclipse Con France 2015

Hackathon June 24 2015
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Welcome / Agenda

➢ some slides
➢ fix a real bug in live
➢ discussion about the bugs to fix
➢ your turn to play

Who are we?

Olivier Prouvost:
➢ OPCoach, Eclipse trainer and consultant
➢ committer on e4 tools and platform UI

Wayne Beaton:
➢ Eclipse Fondation
➢ committer on packaging, dash, tptp
➢ project mentor on IOT, Location Tech, Polarsys, Jetty, ....

Mikaël Barbero
➢ Eclipse Fondation
➢ committer on emf compare, cbi, orbit

Objectives

➢ This hackathon is operational
➢ You will have to try to fix your selected bugs
➢ If possible we will review the bugs
**Prerequisites**

We sent an email to prepare your environment

If you did not receive it you can get it here:

- link on the page of this session:
- directly on this page:

**Some resources**

You will probably have to navigate on these web sites:

- Eclipse bugzilla: http://bugs.eclipse.org
- Explore Eclipse projects: http://projects.eclipse.org
- Download the code from git: http://git.eclipse.org
- Manage reviews from gerrit: http://gerrit.eclipse.org

**Gerrit: the code review process**

- Gerrit is used to review the code
- It is an intermediate location where the code is pushed before the merge in the master branch
- For a new commit, a review is created and reviewer can comment (-2,-1,0,+1,+2)
- The first review is an automatic review done by hudson !
- When all reviewers are Ok the code is merged in the master branch
- Information on gerrit: https://wiki.eclipse.org/Gerrit

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1 - https://wiki.eclipse.org/Gerrit
A sample list of reviews (on e4.tools):

- List of gerrit reviews

- Review contents
  - A review contains comments and patches
  - The ID of the review is used to get the code in your repository
We will show how to fix a bug from the code to the gerrit review

We plan to fix these 2 bugs:

- **bug 281490**: a bad string in export wizard (reported in 2009 and not fixed!)
- **bug 433721**: in egit, a focus problem when creating a tag

Remember of the magic shortcut: **Alt Shift F1** to find the UI code where the bug stands!

Your turn to play!

- Run your Eclipse

2 - [https://bugs.eclipse.org/bugs/show_bug.cgi?id=281490](https://bugs.eclipse.org/bugs/show_bug.cgi?id=281490)
3 - [https://bugs.eclipse.org/bugs/show_bug.cgi?id=433721](https://bugs.eclipse.org/bugs/show_bug.cgi?id=433721)
➢ Open the bug and check it
➢ Fix the code
➢ Ask us questions!

During this time we will show you some use cases when a question occurs.
You can download the use cases pdf file from the talk description:

4 - https://www.eclipsecon.org/france2015/session/contributing-eclipse-live-hackathon-part-1