Policies and

quality enforcement

Pascal Terjan

February 2007

- **Some are enforced at upload**
  - **use of mkrel**
  - **multiarch**
  - **XDG menu**
- **Some are only checked by rpmlint**
  - **library**
  - **invalid group**
- **Some are not checked at all**
  - **pre-version numbering**
  - **webapps**
  - **usage of language specific macro**
- **Some are not even defined**
  - **devel packages should go to Development/***
  - **perl libs should go to Development/Perl, ...**

A little story

14 Apr 06	I send an email to maintainers, reporting devel and lib packages being in wrong group and explaining why it is an issue. For main, there where 30 -devel packages not in Development/*
03 Jul 07	I opened a ticket on rpmlint with a patch attached, to give an error on such packages (#29)
13 Aug 06	I sent another mail because 0 package got fixed
14 Aug 06	Warly suggested to block upload of such packages
12 Jan 07	Still 30 packages to fix, I decided to open 30 bug reports
15 Jan 07	6 packages have been fixed
15 Jan 07	I opened a ticket (#28215) to request blocking upload of such package, I got one comment "I agree".
14 Feb 07	12 packages have been fixed
25 Feb 07	13 packages have been fixed, still 17 to do, nothing changed on enforcement

- **Who is in charge of deciding what policies need to be enforced ?**
    - If I write a Ruby packaging policy and ask for part of it to be enforced at upload, nobody will care and take the decision to accept or reject the request
    - Define a process ? discussion on cooker, maintainers and if nobody is against after some time do it ?
- **Who decides when a check is official and maintainers are required to fix it ?**
- **Who will write the code into rpmlint/youri/svn hooks/... to enforce the policies ?**
    - Should the requester give a patch ?
    - Should he open a bug ?

- **How to get the packagers to fix their packages ?**
  - **Block upload ?**
    - can be annoying to not be able to fix an important bug because we would first need to clean the package
  - **Block commits (svn hook) ?**
    - would be nice for only real issues, not for policies I guess
  - **SPAM people with reminders ?**
    - people may stop reading the reports
  - **Open bugs ?**
- **How to avoid some people to force broken packages ?**
  - **Internal management issue...**