Dedicated channel for patch set verifications

David Ostrovsky
Current situation: CI uses review channel
Review command to publish verification result

- SSH review when a build is started:
  ```
  ssh host gerrit review -message "Build job started"
  ```

- SSH review when a build finished
  ```
  ssh host gerrit review -verified 1 -message "Success: href"
  ```

- Doesn't scale well with decentralized CI and multiple jobs:
  - 3 different platforms/tasks setting
  - 2 x notifications per job (start + end)
  - Combined notification
  - Makes total of 7 notification per patch set
  - 10 patch set in average change
  - Makes total of 70 notifications in review table
  - Human reviews in between not visible
Does it hurt?

- Human reviews and bot notifications are scattered
- Not immediately clear which job is failed
- Log href must be searched in review table
- Stale notifications for old patch sets are still present in review table

- Reality: https://gerrit.libreoffice.org/8548
Spam reviewer channel with bots notifications

Chris Sherlock  Uploaded patch set 6.

LibreOffice gerrit bot  Patch Set 6: Windows build started for d4f27100f on tb38 at Mar-15 23:14
LibreOffice gerrit bot  Patch Set 6: Linux build started for d4f27100f on tb33 at Mar-15 23:15
LibreOffice gerrit bot  Patch Set 6: Windows SUCCESS (d4f27100f) Build on tb38 at Mar-16 00:43: https://ci.libreoffice.org/job/buildbot/1697
LibreOffice gerrit bot  Patch Set 6: MacOSX build started for d4f27100f on tb21 at Mar-16 00:52
LibreOffice gerrit bot  Patch Set 6: Linux SUCCESS (d4f27100f) Build on tb33 at Mar-16 01:02: https://ci.libreoffice.org/job/buildbot/1698
LibreOffice gerrit bot  Patch Set 6: MacOSX FAILED (d4f27100f) Build on tb21 at Mar-16 01:48: https://ci.libreoffice.org/job/buildbot/1699

LibreOffice gerrit bot
Patch Set 6: Verified-1

Build d4f27100f:

- on Windows SUCCESS: https://ci.libreoffice.org/job/buildbot/1697
- on Linux SUCCESS: https://ci.libreoffice.org/job/buildbot/1698
- on MacOSX FAILED: https://ci.libreoffice.org/job/buildbot/1699

Chris Sherlock  Patch Set 6: That's odd... How come that is only failing on OS X? And why is it failing on the MacOSX? How do I fix this?
Markus Mohrhard  Patch Set 6 was rebased
Markus Mohrhard  Patch Set 6: You were missing a commit that fixed this. (0b2765d4e8bb460d63876d75f87b052b)
David Ostrovsky  Patch Set 7 was rebased

LibreOffice gerrit bot
Patch Set 8:

Linux build started for 9602ef16f on tb33 at Mar-17 07:14

LibreOffice gerrit bot
Patch Set 8:

MacOSX build started for 9602ef16f on tb21 at Mar-17 07:20
Missing feature: dedicated channel for bots

- SSH command to write to bot channel
- REST API to publish to bot channel
- UI integration on the CS2
- Add quiet mode to review command
- VRFY label is optional now
- This can be solved in plugin
- Unsolved persistence problem
Use HTML fragment extension

<table>
<thead>
<tr>
<th>Code-Review</th>
<th>+2  David Ostrovsky (Admin)</th>
</tr>
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<tbody>
<tr>
<td>Custom-Label</td>
<td></td>
</tr>
<tr>
<td>Verified</td>
<td>+1  David Ostrovsky (Admin)</td>
</tr>
<tr>
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<tr>
<td>Hallo</td>
<td>Germany</td>
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<tr>
<td>Hello</td>
<td>USA</td>
</tr>
</tbody>
</table>
Questions ?