DO OUR DEVELOPMENT TOOLS NEED A REFRESH?

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Only way you can get them all in a photo
Only way you can get them all in a photo
UM, SO?
DATA

- Developer Survey
- 1 on 1 Interviews
- Anecdotal Experience

### Instant messaging in schools

This is a survey of instant messaging software permitted on school networks.

<table>
<thead>
<tr>
<th>Software</th>
<th>Percent</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skype</td>
<td>22.6%</td>
<td>7</td>
</tr>
<tr>
<td>AOL IM</td>
<td>16.1%</td>
<td>5</td>
</tr>
<tr>
<td>Yahoo IM</td>
<td>16.1%</td>
<td>5</td>
</tr>
<tr>
<td>MSN Messenger</td>
<td>19.4%</td>
<td>6</td>
</tr>
<tr>
<td>None</td>
<td>51.6%</td>
<td>16</td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>I don't know</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

1. Which of the following instant messaging software programs are permitted to run on your network at school?
SURVEY RESULTS

- fix in upstream and backport to dist-git
- rebasing patches
SURVEY RESULTS

- kernel build time
- slow builds and tests
- waiting for builds, tests
SURVEY RESULTS

- ignoring broken content in Fedora
- inconsistent results (try again)
- poor buildroots management
SURVEY RESULTS

- chasing failures
- branching is too complex
- bugzilla acks
- manual steps
INTERVIEW RESULTS

- shared self-service infrastructure for developers
- lack of consistency and connection between tools and teams
- many different protocols/procedures/processes across different teams
- integrated / continuous testing
- leveraging containers for build and test
WHAT IS FIXING THIS?

- Lifecycle Objective
- Modularity Objective
- Dekket Project
- Packaging Objective
- CI Objective
- Packit & Source-Git

Some cute animals to convince you to join!
NOW WE NEED YOUR IDEAS!
SOME QUESTIONS WE HAD

- How easy is it to update X?
- How many manual steps a maintainer needs to perform?
- Are the steps prone to errors?
- Let's talk about a dist-git repo equivalent with unpacked sources.
WHAT'S NEXT?

- How do we share progress with you?
- Would you like to be involved?
ATRIBUTIONS

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