Agile Development and Dependencies Management For Industrial Control Systems

Brice Copy, Markus Mettälä

CERN

Engineering Department

Happy Times

- September 2002, I left the private sector to join CERN

- October 2002, I took part in my first deployment of a CERN application....

- We set off to deploy three weeks of joints efforts produced by four full-time developers...

It started around 6.30pm like this...

And ended around 2.30am a lot like this…

Software engineering processes

These would have helped :

- Change Management (not just a folder copy somewhere)

- Issue Management (not just an excel spreadsheet somewhere)

- Dependency Management (not just binaries stuffed in CVS or SVN)

These would have helped even more
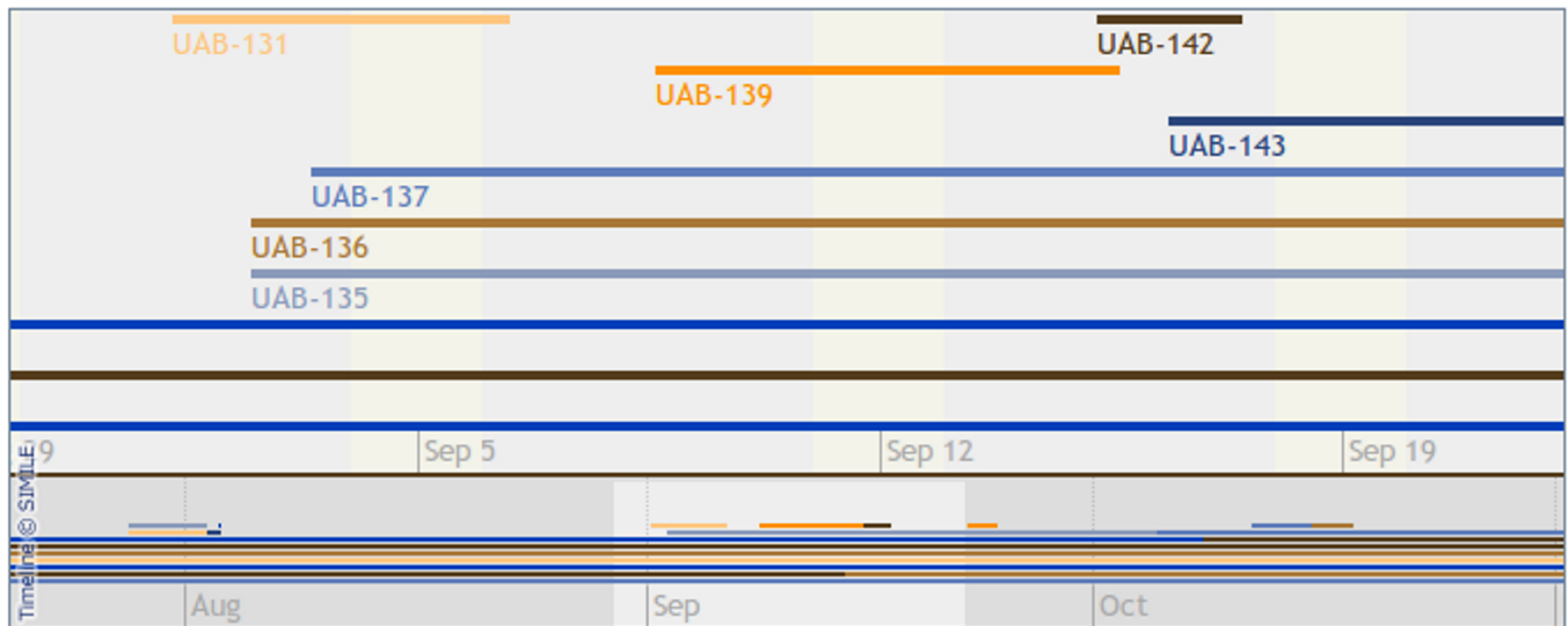

Navigation, Filtering, Hyperlinks

These would have helped even more

DEPENDENCIES • SVN COMMITS • **JIRA TICKETS** • ALL ITEMS

9275 Items

9216 results out of 9275 cannot be plotted.

Timelines, RDF, JIRA, MIT Exhibit

Come and see...

- How we unified :
  - SVN activity data
  - Atlassian JIRA data
  - Apache Maven metadata
- ...Using open-source visualizations and data browsing tools
- And a standard universal data format (RDF)