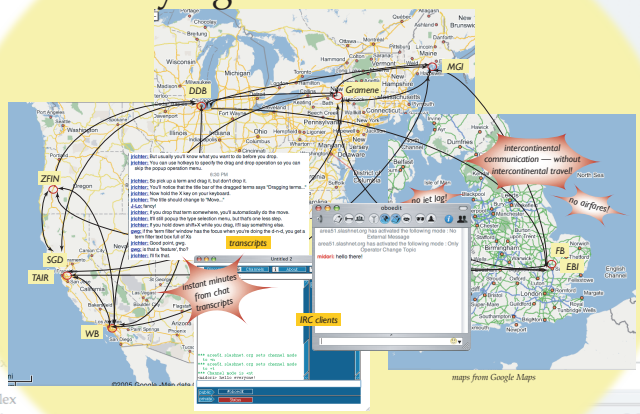
The OBO-Edit Working Group

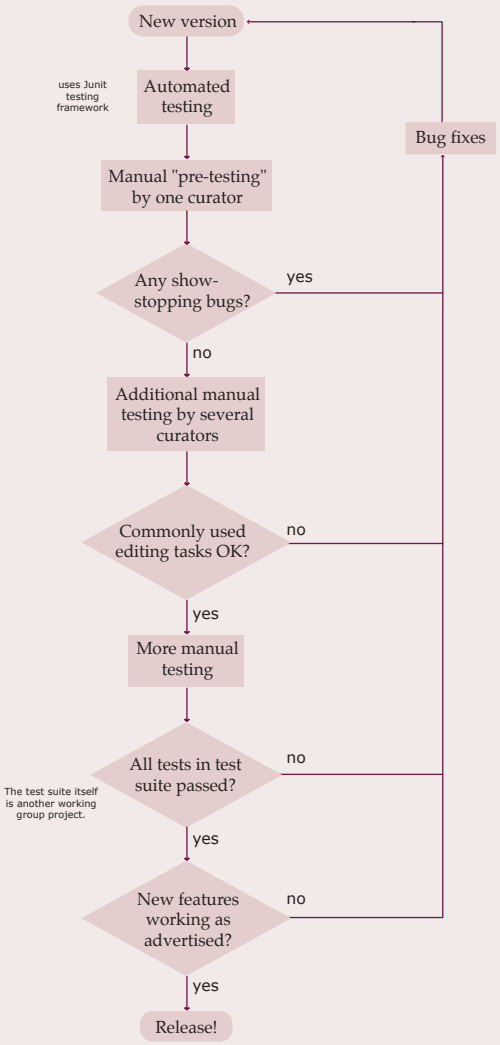
... And you are ? Working Group Members

not pictured: Shuly Avraham (Gramene), Karen Eilbeck (SO), John Osborne

Shall we chat? Staying in touch via IRC



Is this thing working? Testing OBO-Edit



Where will OBO-Edit GO? Future directions for OBO-Edit

John presented the rest of the group with a list of possible new features and other enhancements that he could add to OBO-Edit.

Our picks:

The User's Guide
Finish the built-in documentation for users. Unanimous top priority.

Annotation in OBO-Edit *(<1 month)*
Use the instance editing framework to support a shared annotation tool. Very much in demand! Would help with outreach to new annotation groups as well as veterans. Goes hand-in-hand with more expressive annotation file format.

OBOL Integration *(1 month +)*
A very high priority for GO editors because maintaining correct and complete relationships will be much faster and easier. Useful for several other OBO ontologies as well as GO itself. May require maintenance to stay abreast of OBOL code changes.

More ideas:

OWL/Protégé Compatibility *(2–3 months)*
Makes OBO-Edit more compatible with Protégé and OWL; easier to interconvert OBO and OWL formats. **Pro:** Funders, advisors, etc. would be pleased. **Con:** Not of immediate use for GO development.

Developer Documentation *(~3 months)*
Add design documentation and more comments to code. **Pro:** Will be very useful for programmers, who might contribute a lot to OBO-Edit development. **Con:** Time-consuming and tedious.

Command Line Tools *(<1 month)*
Create consistent framework that will allow for more interesting command line tools. Drew mixed responses; low to medium priority.

Visualizations *(1–2 months +)*
Implement Java toolkits to visualize complex graph structures **Pro:** would allow for novel editing interface. **Con:** Would take time to evaluate toolkit options; most editors find the tree view and GraphViz sufficient, so don't feel a pressing need.

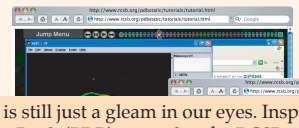
Reasoner Integration *(1 month +)*
Build in a more sophisticated reasoner to detect inconsistencies. Drew mixed responses, including requests for more information.

Web Tools *(4–5 months)*
Use OBO-Edit data models for Java-based web interface. **Pro:** Very fast web browser indeed. **Con:** Somewhat off on a tangent; any work on web tools should not be allowed to interfere with developing OBO-Edit for ontology building.

Database Save *(~4 months)*
Pro: Good for history tracking. **Con:** Difficult; superseded by SourceForge, obodiff, history tracking built into OBO-Edit. Low priority.

What do ***you*** think?

You should be in pictures! Demo movies for OBO-Edit



Well, actually this is still just a gleam in our eyes. Inspired by the Protein Data Bank (PDB) tutorial at the RCSB site (that's it, in the screenshots), we plan to make animated online tutorials available to demonstrate all of OBO-Edit's wonderful features and capabilities. The same could be done for AmiGO, and maybe other tools GOC develops.

see: http://www.rcsb.org/pdb/
http://www.rcsb.org/pdbstatic/tutorials/LargeBeta.swf

More plans:
- FAQ
- How-to guides (for complex tasks)
- Troubleshooting guide
- Publication!