

Process Improvements

- Bugs need to be triaged
- Patches need to be applied
 - Need to be analyzed before applying
- Testability
 - Combination of Junits
 - GUI testing – Abbot, SWTBot
- What platforms to we support?
 - Where do we run

Bugs

- Lots of bugs open
 - Lots of incoming
 - Lots of bugs not getting looked at
- Doug: Fix components
- Triaging
 - Component leads triage
 - All components need to have leads

Bug States

- New, untriaged
 - ---
- New, needs info
 - New resolution (incomplete) or state
 - Use keyword for now (needinfo)
- New, ready to be assigned
 - Assigned to inbox

- Assigned
 - Committer takes it
 - Doug to set up inboxes as default CC list
 - Code Review?
 - Time delays waiting for reviews
 - Reviews valuable for tough code
 - Reviews optional but encouraged, tracked
 - Use review flag to request, approved/disapprove
 - Use inbox for general call for review

- Fixed
 - PR number in commit comment
 - Patch to bug
- Verified
 - Originator verifies, other people can verify
 - How to motivate them – make them QA contact
 - JUnits
 - Testers? During test cycle
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- Closed
 - Verified at end of release
 - Resolved not fixed at end of release
 - Resolved fixed at end of next release

Triage Kick

- Publicize list of untriaged bugs
 - Once a month
 - More often at end of release and through first maintenance cycle

Ramp Down Policy

- No bugs open at end of release targeted to that release
 - Countdown
- Publicize all changes after RC2 on cdt-dev list
- Publicize untriaged bug

Testing

- Mobilize the community to test?
 - Get the message out
 - New and noteworthy
 - Instructions on how to test new features
 - Clean up bugs and triaging
 - Contests
- Make committer testing more visible, trackable
 - What is/isn't being covered
 - Create list as a community
 - Track sign up for tests

User Documentation

- Raise visibility
 - User doc reviews
- Docs with patches
- What the committers
- Where are we?

Design Docs

- Design docs and javadoc
 - Enforce we have some
 - Remind eachother
 - Reviews, bugs
- Good web site

Componentization

- Parser/Indexing
- Editor/Reconciler/Partitioner/Formatting
- Refactoring
- CModel/project model
- Source Navigation
- Scanner Discovery
- Standard/Makefile projects
- Managed/Build generation/internal builder
- Build core/Error parsers

- DSF
- DSF/GDB
- CDI
- CDI/GDB
- Debug core/Breakpoints/Source lookup

What's Component/Why

- Areas of responsibility to subdivide and focus
 - Triaging bugs
 - Answer questions
 - Lead is responsible for quality and deadlines
- Maps to code
 - Self contained
 - Self explanatory

Components

- Debug DSF (Pawel)
- Debug DSF/GDB (Marc)
- Debug CDI (John C)
- Debug CDI/GDB (Elena)
- Debug (Ken)
- Build Standard (Elena)
- Build Managed (Chris)
- Build (Elena)

Components Part II

- Editor (Toni)
- Parser (Mike)
- Indexer (Markus)
- Navigation (Markus)
- Refactoring (Emanuel)
- Project (Doug)
- Releng (Vivian)
- User Assistance (Doug)