

ITK 3.20 - ITKv4

Transition Plan

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- Sequester Reference Applications
 - Configure Them as Nightly Builds
- Move to Git
 - Do three clean up releases
 - Split into topic branches
 - Insert code review infrastructure
 - Flow towards Master for ITKv4 Beta
- Generate Migration Guide
 - As we go

Securing Reference Applications

- ITK Testing Directory
- InsightApplications
- Slicer 3.6
- ITK-SNAP
- GoFigure
- OrfeoToolbox
- BRAINS
- IGSTK
- MITK (Heidelberg)
- ANTs
- LSTK
- V3D Plugins
- FARSIGHT
- Elastix
- VesselTK
- MedINRIA

Securing Reference Applications

- For all these applications:
- Their release versions will be cloned in Git
- They will be build Nightly against the transitioning version of ITK
- When a change in ITK breaks any of these applications, a “Migration Report” will be filled out, and the application will be fixed.

Migration Report

- Will include:
 - What Changed in ITK
 - Why was this changed ? (justification)
 - Compilation errors it produced in the apps.
 - Patch that was used for fixing the apps.
- It will serve as a database of compilation errors and their solutions.

Repository Distillation Sequence

