

**ITK 3.20 - ITKv4**

**Transition Plan**

# Transition Plan

- 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

