Build From Source – Non C++ Users

Please rate how likely you would be to use an interesting piece of software if it were distributed as:

- A ready-to-use package
- Source code

Choose from:
- Would not use it
- Somewhat likely
- Likely
- Very likely
Please rate how likely you would be to use an interesting piece of software if it were distributed as:

- A ready-to-use package
- Source code

Options: Would not use it, Somewhat likely, Likely, Very likely
Build From Source - Conclusions

- Having pre-packaged option would appeal to more non-C++ users
- Pre-packaged not an essential priority
- Also, long compile time not a critical issue
Image Dimensionality

What image dimensionalities are you likely to use?

Non C++ Users

Non ITK Users
Image Dimensionality - Conclusions

• Need 2D, 3D
• Should probably have 4D (time)
• How should time be handled?
Color Images - Conclusions

- Lower priority
- “Essential” option doesn't correlate highly with any specific population
DICOM & PACs

How important is it for you to have support for the following within SimpleITK? (note, this does not reflect on the importance of DICOM/PACs support in ITK)

- Not important
- Low priority
- High priority
- Essential
- Don't know what this is

![Bar chart showing importance levels for DICOM and PACS support in SimpleITK](chart.png)
DICOM & PACs - Conclusions

- DICOM essential
- PACs not important
- DICOM less important for Non ITK users
ITK employs a pipeline design that links filters together. Please rate the importance of each of these aspects of the pipeline system for SimpleITK:

- Tracking filter dependencies
- Automatic execution of modified dependencies on update
- Automatic image streaming
- Execute filter immediately when given input
- Minimal memory usage
- Direct access to data in between filters

- Not important
- Low priority
- High priority
- Essential
- Not sure
ITK employs a pipeline design that links filters together. Please rate the importance of each of these aspects of the pipeline system for SimpleITK:

- Automatic execution of modified dependencies on update
- Minimal memory usage
- Direct access to data in between filters

Options: Not important, Low priority, High priority, Essential, Not sure
Pipeline Features - Conclusions

- Majority likes the pipeline as it is
- The only important feature for Non-ITK users is minimal memory usage
Pixel Types

Please rate the importance of the following pixel types for your application:

- Not important
- Low priority
- High priority
- Essential
- Don't know what this is
Pixel Types - Conclusions

- Essential Pixels:
  - Unsigned Char
  - Unsigned Short
  - Short
  - Float
  - Double
  - vector/matrix/complex

- For Non-ITK users, vector/matrix/complex is less important, but RGB is more important