

Geant4 Binary Install and Configuration Tools Summary

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Binary Install Options

- Concentrate on RPM based binary install.
 - Input from users/developers with Windows/Mac packaging experience very welcome!
- Main issues for RPM
 - ***Where to install: /usr or /opt/geant4/<version> ?***
 - ***Resolving dependencies: CLHEP*, X11 etc.***
 - ***What about geant4/environments/g4py etc?***
 - *CLHEP RPM is available.
- Can we package visualization libraries separately
 - geant4, geant4-xaw, geant4-inventor etc?
- RPM from Sabar Salih (Manchester) as a start.

Configuration Tools

- Support for current metaconfig Configure script
 - Improvements/Bug fixes as needed.
 - Add configuration tests as needed.
 - ***Can we choose better default options?***
- Might consider autoconf configuration frontend:
 - Potentially easier maintenance, extension.
 - Less user friendly? No 'question and answer' interface.
 - Rest of build system identical.
- Look at integration with CMT for system testing.
 - Extra layer, so should not impact users/developers.
- ***What do developers/users want from the configure/build system?***