

Infrastructure Support Discussion 200511

In the excitement of supporting DC2 and Instrument integration, we have somewhat neglected our infrastructure.

A rough schedule of the week [here](#)

What are the elements?

What	Description	Person Responsible
CMT	Code management tool (Orsay)	?
glastpack	line mode interface to CMT	?
MRvcmt	gui for CMT	Riccardo
Gaudi	C++ framework (LHCB/ATLAS)	?
GEANT4	simulation package	Francesco, Tracy
Root	Persistent store; analysis	Heather, David
sundry extlibs	a bunch of other libs	sundry
Release Manager	automated code builder	Navid
Installer	C++ code installer; gui/linemode	Navid, Tony
FRED	Event display	Riccardo
gcc compiler	linux compiler	?
end user scripts SciTools	avoid CMT scripts	Navid
external tools on windows	ds9, fv, xspec, etc	?
GR code gatekeeper	promotion of code to releases	Toby
ST code gatekeeper	promotion of code to releases	Jim

We are several versions behind current in CMT, Gaudi and gcc, with no resources available to apply to understanding the needed transitions. We are in better shape with GEANT4 and Root, where we are not so far behind and have mechanisms in place for upgrades.

ds9 and fv (v4.2) are available as native windows tools.

Windows support

In particular we are short on support for Windows.

Our prime Windows users are Bill, Tracy, Leon, Toby, Zach, Sasha and Riccardo; the main advantage is the Visual Studio environment, and primarily the debugger.

Future MAC support

This topic looms on the horizon. A potentially interesting aspect is that Visual Studio is available on the MAC.