

ROOT for beginners

First Day

The GUI

Second Day

Programming

Third Day

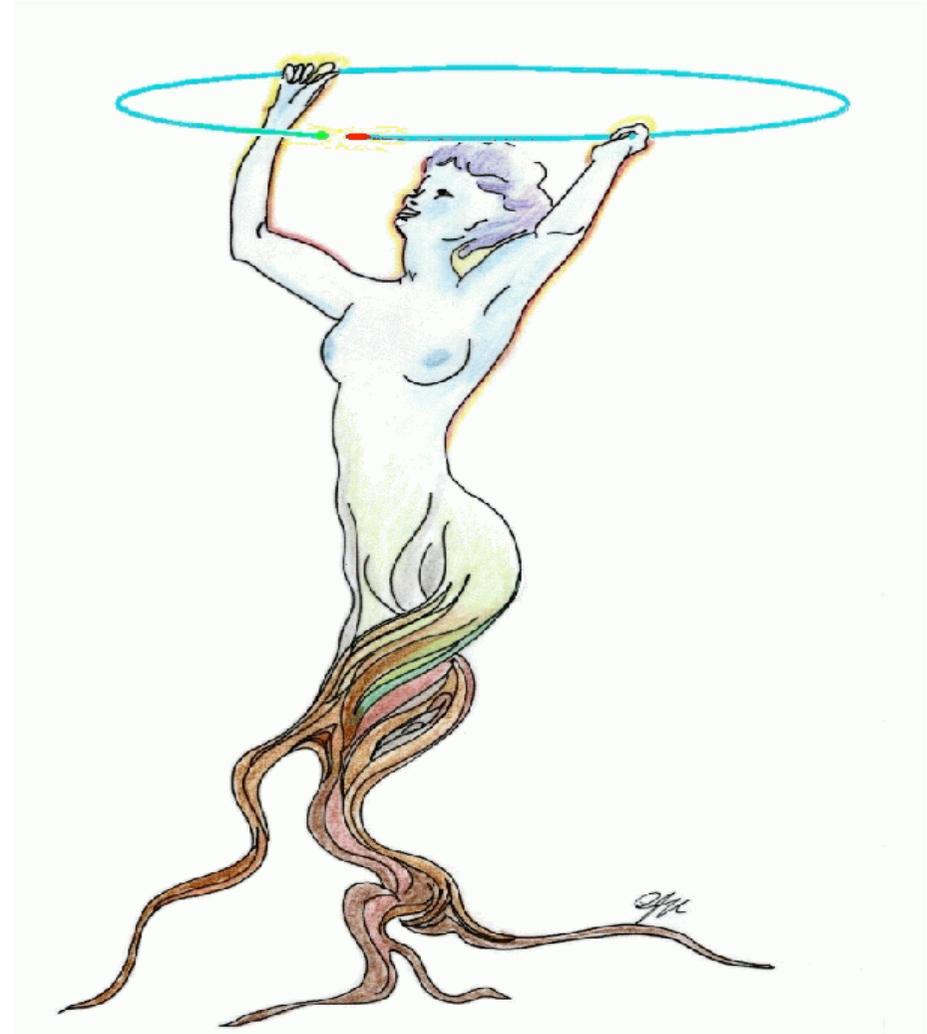
Fits

Fourth Day

Trees

Fifth Day

Advanced use



Root History...

<http://root.cern.ch>

<http://root.cern.ch/root/OldNews.html>

- 0 **November 29, 1995:**
ROOT Version 0.04 Released
Version 0.04 of the ROOT system has been released after the first public presentation.
First Public Presentation of ROOT at CERN
- 1 **April 5, 1997:**
Introduction of the First Beta (version 1.00/07)
April 25, 1997:
Final ROOT Version 1.00 Released (version tag 1.00/10)
- 2 **August 27, 1998:**
New ROOT version 2.00/11.
- 3 **Official Release of ROOT Version 3.00** **13/3/2001**
The ROOT Team is pleased to announce the release of ROOT version 3.00.
Release of ROOT Version 3.10/02 **17/12/2003**
The release of ROOT 3.10/02 is now available.
- 4 **Production Version 4.00/08** **12/07/2004**
The production release of ROOT 4.00/08 is now available.
Production Version 4.02/00 **17/12/2004**
The production release of ROOT 4.02/00 is now available.
Production Version 4.04/02 **04/05/2005**
The Production release of ROOT 4.04/02 is now available.
- 5 **Development Version 5.04/00** **20/09/2005**
The development release of ROOT 5.04/00 is now available.
Development Version 5.06/00 **31/10/2005**
The development release of ROOT 5.06/00 is now available.
This is the last development release before our production release of version 5 scheduled for December 15.

Porting Status

The ROOT system consists of about 650,000 lines of code (550,000 lines C++ and 100,000 lines C). The C language is used in CINT and in pieces of Open Source code that perform specific functions like, terminal I/O handling (Getline), data compression (Zip) and the 3D interactive interface to X/Windows (X3D and OpenInventor).

ROOT is currently running on the following platforms:

- * Intel x86 Linux (g++, egcs and KAI/KCC)
- * Intel Itanium Linux (g++)
- * HP HP-UX 10.x (HP aCC and gcc C++ compilers)
- * IBM AIX 4.1 (xlc compiler and egcs1.1)
- * Sun Solaris for SPARC (SUN C++ compiler and egcs)
- * Sun Solaris for x86 (SUN C++ compiler)
- * Compaq Alpha OSF1 (egcs1.1 and DEC/CXX)
- * Compaq Alpha Linux (egcs1.1)
- * Compaq iPAQ PocketPC Linux (gcc)
- * SGI Irix (egcs1.1 , KAI/KCC and SGI C++ compiler)
- * Windows XP/2000/NT (Visual C++ compiler)
- * Windows XP/2000/NT (CYGWIN/gcc3.2 compiler)
- * Mac MkLinux and Linux PPC (g++)
- * Hitachi HI-UX (egcs)
- * LynxOS
- * MacOS X (gcc)

ROOT can be compiled without problems by the GNU g++ compiler on most Unix platforms.

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Last update 17/6/2000 by FR



The goal of this training course

- To be able to do usual tasks
- Writing scripts
- To know where to find information and understand it
- To be able to analyse data with ROOT
- Gain some time!

- ~~• To develop libraries in C++~~
- ~~• To be a ROOT expert~~

