Installation Coffee break
what do you need?

- a Testbed (not easy to find one, or get access to it:)
  - Functional Testbeds are rare, they are usually under development or happen to be down
  - NorduGrid happily gives you a test access to its Testbed
- a recognized & valid certificate
  - Tutorial, Test certificates are available from NorduGrid
  - or You can request your official NorduGrid certificate
- the client software of the Testbed, or access to GridPortal
  - GridPortals are yet very limited in functionality
  - client softwares are usually Unix command-line tools
  - different client software & Testbeds are not compatible
  - you need to install the client software or use a machine (called UI) with the preinstalled software
    - most of the time you need to install (some) Globus too.
available middleware

- the “de facto standard” Globus Toolkit
  - couple of academic projects “repackage” and redistribute the original Toolkit (NMI, EDG, NorduGrid)
  - commercial vendors (IBM, Platform computing)
  - “Globus is a research project”
  - you can't use the Globus alone (i.e. there is no broker)
  - The Toolkit should be considered as “building blocks”, it provides a solid development base

- European DataGrid software: www.edg.org

- NorduGrid Toolkit
  - developed on top of the Globus libraries
  - open software, freely available
  - implements the NorduGrid architecture
  - easy to install (standalone client)
installation instructions

www.nordugrid.org/documents/ngclient-install.html