



Custom code execution using the UNICORE middleware

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Compile and run in grid environment

▶ Powerful tools

- D2E
- ETICS 2

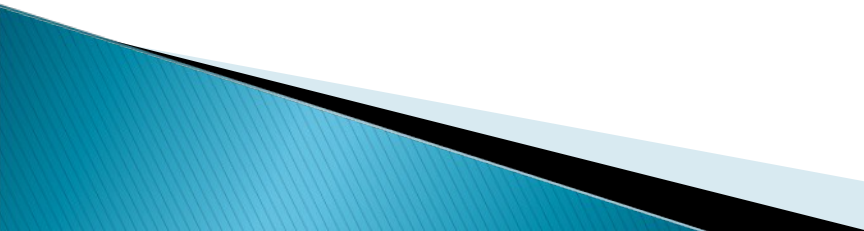
▶ MPI:

- MPI-Start

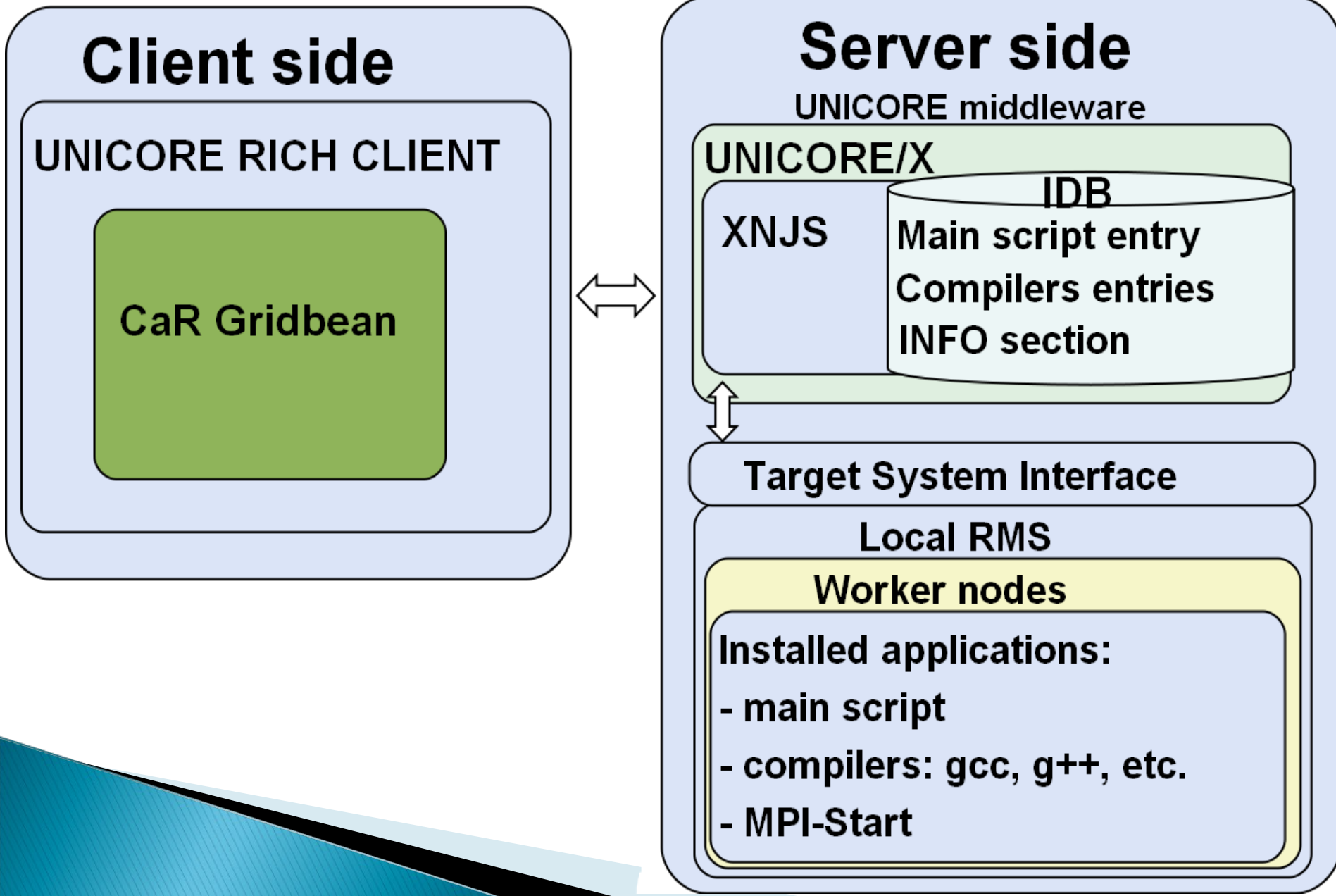
▶ UNICORE:

- Script GB (compilation & execution)
- Workflow: generic GB + custom executable
- Execution environment for MPI (hard in case of compilation).

New solution features

- ▶ Simple, dynamically built user interface embedded in the URC.
 - ▶ Ability to use a source code from local or remote machine.
 - ▶ „Compile and run” in a single job which may be part of a workflow.
 - ▶ Convenient execution and compilation of MPI applications. Support for various MPI implementations (by means of MPI-Start).
 - ▶ Support for applications which use autotools.
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Architecture



DEMO

