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Core Deployment Cycle

Resource Location

**Resource Selection** 

Process Mapping

Res. Config + Staging

Execution

Monitoring

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(Č) IST

Host a self-adapting

structured parallel app.

Application support proc.

- AdHOC sh.mem

Can wrap / interface to

- Reconfig. Managers

Framework proxies

Host QoS model

CCM. WS

Core GRID

DCserver

Componen bridge

Can free/ask resources to deploy tool

CAM

Non-Functional Interface

Grid.it components

ASSIST

Different process sets require proper synchronization protocols and deploy

Execution Support of High Perf. Heterogeneous Component-Based App.s on the Grid - CoreGRID Workshop on GRID Middleware, Dresden 27-28/08/2000 European Research Network on Foundations, Software Infrastructures and Applications for large scale distributed, GRID and Peer-to-Peer Technologies

Functional Interfaces

ASSIST executable reacts to contracts on Non-functional ports

priorities for components' safe startup and termination

Component

bridge





























