

## **Tutorial Outline**

Introductory Concepts

Service-Oriented Architecture

What is a Grid Service?

OGSI Specification

Introduction to GT3 (Functionality and Architectural Overview)

Core Infrastructure

OGSI Implementation

Tooling

Hosting Environments

High Level Services

Installing GT3

Building a Grid Service

Define the interface

Generate the stubs

Write the service body

Write a deployment descriptor

Deploy the service

Building a Grid Service Client

Demonstration of Grid Service Concepts

Service Data

Lifetime management

Security

Composability

Discovery

Language independence

Publish your Grid Service: The Grid Technology Repository