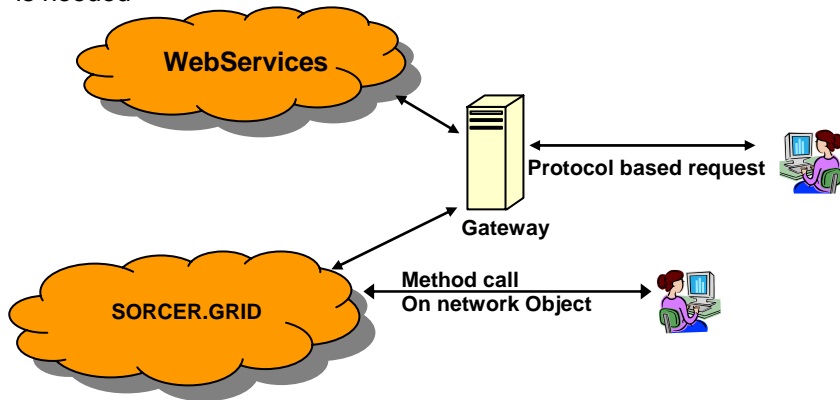


# Integrating SORCER with RPC Style Web Services

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## Task Description

A Framework for integrating SORCER with RPC Style Web Services is needed



## Objective/Approach

### Objective

- Integrate Protocol-based RPC Web Services and Object-oriented SORCER service providers to coexist and complement each other in the same environment
- Develop framework where SORCER Services can be accessed as both Web Services for web clients and as SORCER Service Providers for SORCER Service requestors

### Approach

- Develop a framework with generic gateway routing RPC Web Services requests to grid environment
- Develop a framework with generic gateway routing requests from SORCER providers to RPC Web Services

## SCHEDULE

Key development milestones for 2004:

Proposal Presentation	03/10
Registering Web Services with a LUSs	03/25
Requesting and Receiving WSDL Information	04/07
Requestor sending RPC based SOAP Request	04/21
Provider processing SOAP Requests	05/05
Case Study with Demo	05/12
Thesis Defense	by 06/31

## MISCELLANEOUS SUPPORTING DATA

### Benefits

- Ability to support object-oriented service providers with RPC Web Services
- Ease service-oriented programming for RPC Web Services
- Service Oriented programs created interactively by point and click for RPC Web Services
- Reusing RPC Web Services in the grid environments
- Increased functionality of integrated grids with RPC Web Services