



ATLAS Operation Task Planner

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Objectives

Document and plan the maintenance and operation of the ATLAS detector

- ★ Schedule maintenance and operation tasks
- ★ Identify individual contributors (shifter, expert..)
- ★ Identify key knowledge holders

Organise and coordinate shift work


- ★ By Funding Agency / Institute
- ★ By Work Breakdown Structure (Activity Type)
- ★ By ATLAS System and Sub-system

Deliver manpower contribution reports

- ★ Find understaffed / overstaffed tasks
- ★ Establish manpower contributions
 - . Per institute
 - . Per funding agency
 - . Per individual

Features

Browse planning by Activity and System



OTTP

Home


Browse

Search tasks

Reports

Settings

Help



Browse

Detector Operation

Trigger

Data Preparation

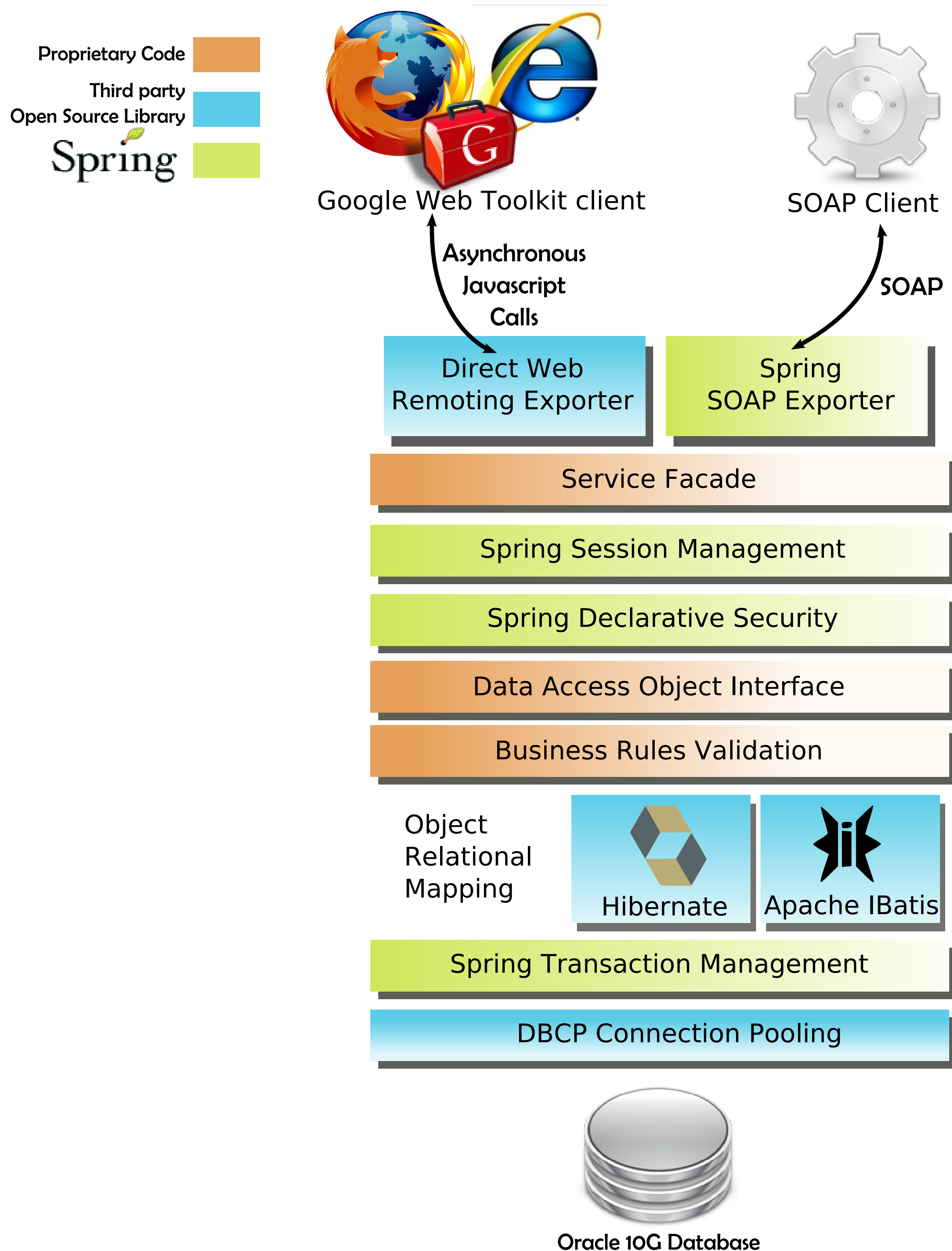
Computing/Software

	General Tasks	DAQ specific	LVL1	ID gen	LAr
Organisational/managerial tasks	5 tasks	2 tasks	2 tasks	2 tasks	2 tasks
Shift Tasks	6 tasks	1 task	6 tasks	6 tasks	6 tasks
Detector Experts			5 tasks	5 tasks	5 tasks
Monitoring Experts	3 tasks	2 tasks	2 tasks	2 tasks	2 tasks
Trigger Experts	1 task	1 task	1 task	1 task	1 task
Tier 0 Operation Experts					
DAQ Related Experts	2 tasks	1 task			
Powersupplies Experts					
Online DB Experts	1 task	1 task	1 task	1 task	1 task
DCS/DSS/Safety Experts	4 tasks	2 tasks	2 tasks	2 tasks	2 tasks

Specify tasks and personnel requirements down to individual shifts

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Implementation



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Extensions

- Customization for CMS detector maintenance and operation
- iCalendar individual schedule export for:
 - ★ Microsoft Outlook 2003
 - ★ Apple iCal
 - ★ Google Calendar
 - ★ PDA and smartphone calendars
- Analytical reports (Pivot tables, Charts)
- Full data auditing and versioning
- Self service shift booking
 - ★ Shift contributors can book their own shifts
 - ★ Task responsables resolve potential conflicts
- Support for CERN lightweight accounts and single sign-on
- Programmatic API through SOAP web services



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Administrative Information Services