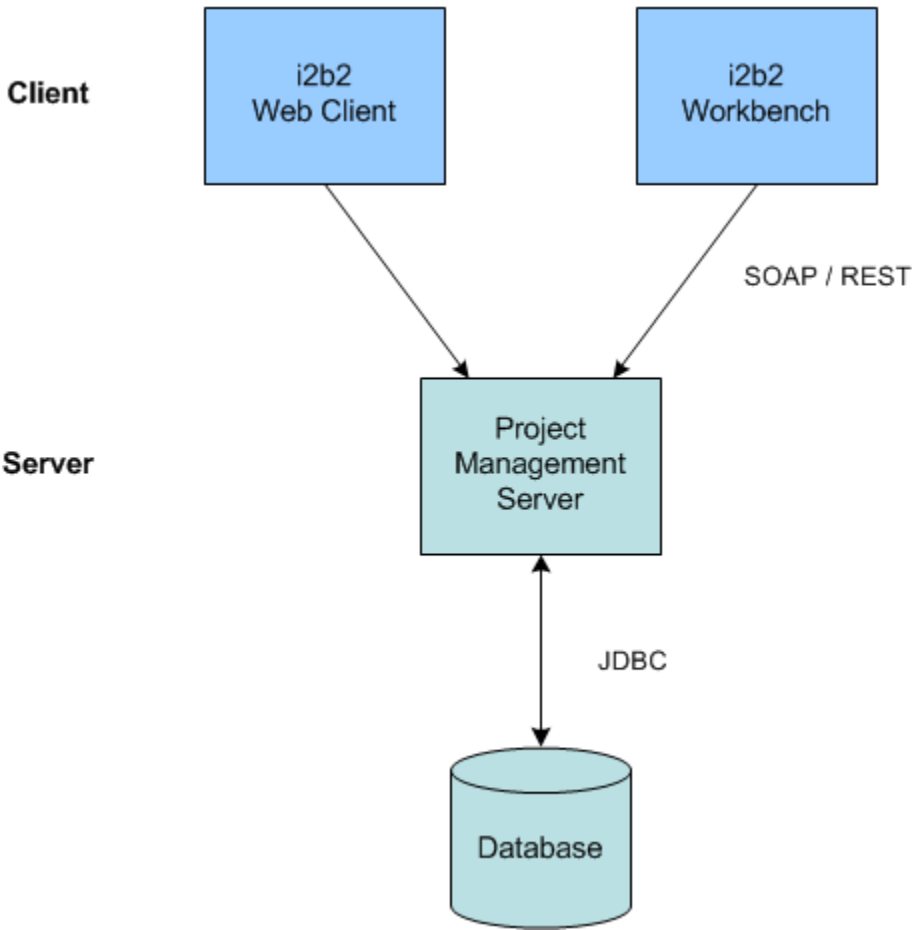


# Client-Server Style

The PM system is represented using the C&C Client-Server view.

## Primary Presentation



## Element Catalog

The properties of PM cell elements are:

- *Element Name*: listed in the table shown below.
- *Type*: whether the element is a data repository, a data accessor, a communication method, a query, a client or a server component.
- A *description* of the element

Element Name	Type	Description
i2b2 Workbench	Client Component	Webservice client submits the requests to the PM server components and renders a response XML.
Project Management Server	Server Component	The ONT cell uses the PM cell to authenticate the user. The ONT cell constructs the PM request message and makes a web service call to the PM cell.
db	Data Repository Component	This repository is a database for the cell, group, role, and user information.
JDBC	Query Connector	SQL query used as a connector between the PM System and the metadata DB.
Web Service	Request Connector	SOAP or REST request used to communicate with the external system.

# Design Rationale, Constraints

## **N-tier Architecture**

The client-server style depicts the n-tier architecture that separates presentation layer from business logic and data access layer; thus providing for a high degree of portability.