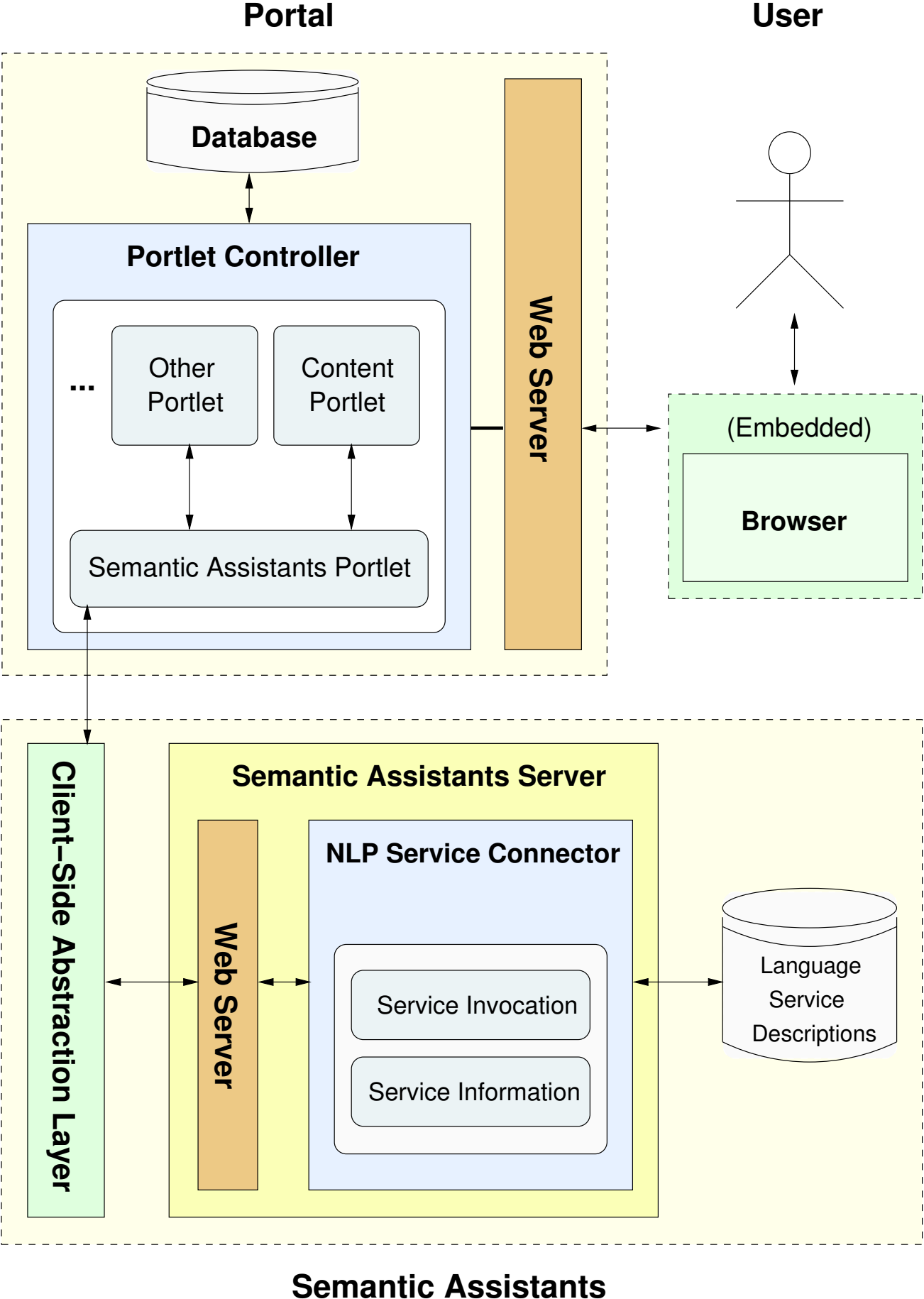
Portal
User
Database
Portlet Controller
...
Other Portlet
Content Portlet
Semantic Assistants Portlet
Web Server
(Embedded)
Browser
Client–Side Abstraction Layer
Semantic Assistants Server
Web Server
NLP Service Connector
Service Invocation
Service Information
Language Service Descriptions
Semantic Assistants