

SMART CLIENT, DATA STORE, APPLICATION AND ENTERPRISE SERVER BASED ARCHITECTURE

Lesson 01 Smart Client Architecture

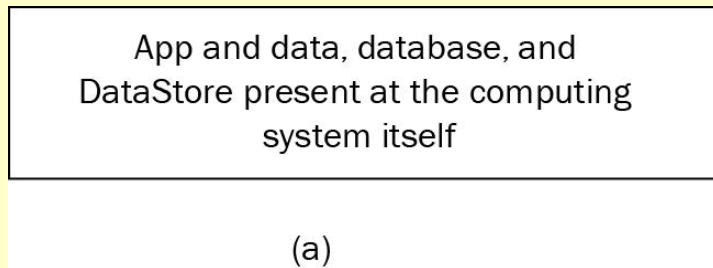
SMART CLIENT

- A smart client has its own user interface and creates its own DataStore
- DataStore objects consist of data as well as associated methods for data usage

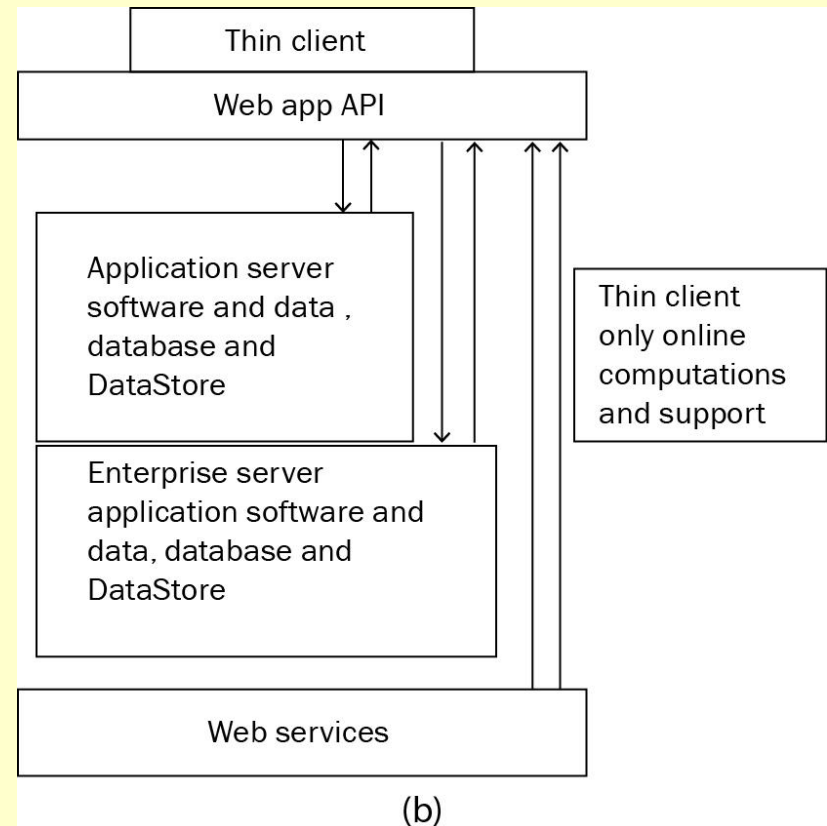
SMART CLIENT

- Smart client means client with Data Store for the offline and online applications
- Device data replicates across several applications and synchronizes
- Application uses device resources like a desktop application
- Synchronization, and replication of data across several applications

THICK AND THIN CLIENTS

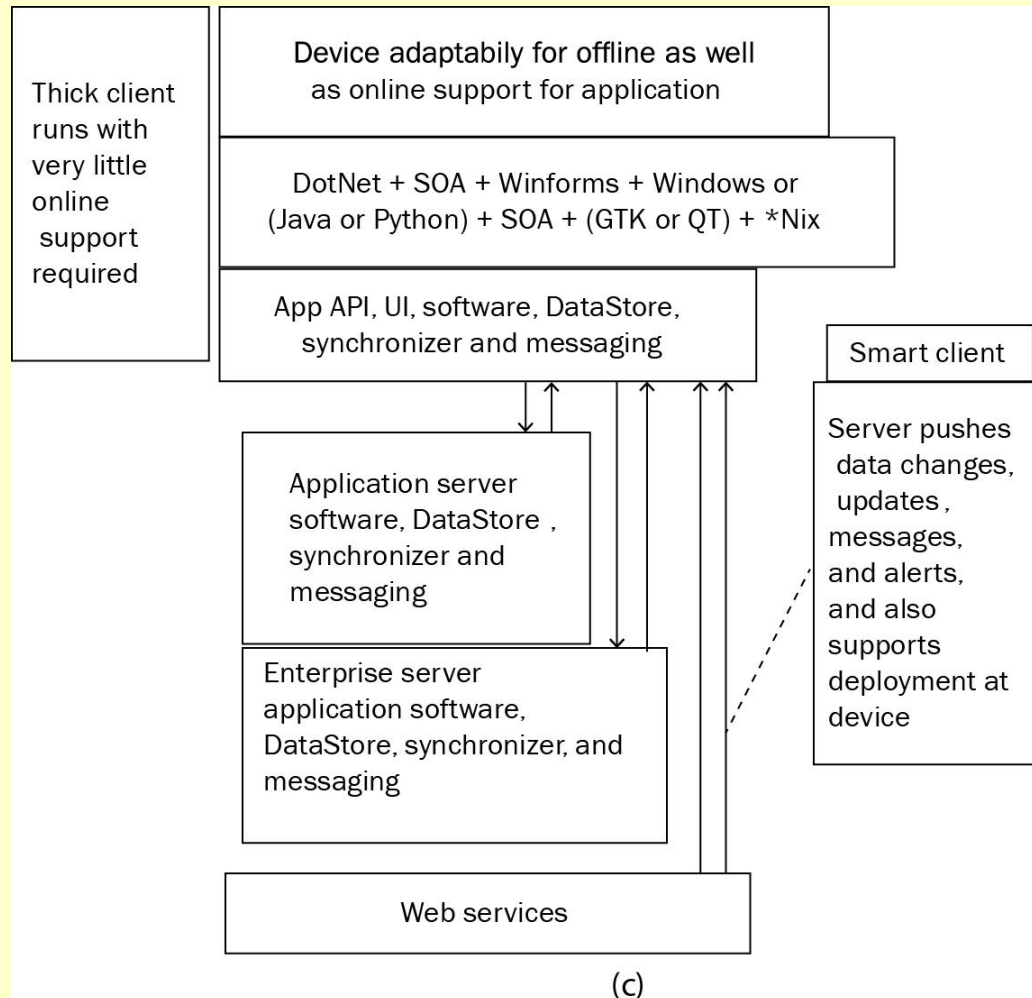


Thick Client with very little online support



Thin Client only online support and computations

SMART CLIENT ADAPTABILITY OFFLINE AS WELL AS ONLINE



SMART CLIENT

- A smart client benefits from using device resources and DataStore, as well as from connectivity, access, and uses of the server DataStore, enterprise data, and Web and cloud services.

SMART CLIENT ARCHITECTURE

- A smart client has the benefits of a desktop application as well as Web application
- A smart client is also called *rich Web application* or *rich Internet application*

SMART CLIENT ARCHITECTURE

- The smart client architecture has features of the thin client because of the need of Web-based application server and DataStore objects at the server
- A smart client has ease of application deployment from server, and a developer needs little effort.

SMART CLIENT

- A user has wide reach through the Internet or the service provider network, access to large computation resources at the server, and messages, modifications, updates, and alerts pushed by the server

SUMMARY

- A smart client has the benefits of a desktop application as well as Web application
- A smart client benefits from using device resources and DataStore, as well as from connectivity, access, and uses of the server DataStore

End of Lesson 01

Smart Client Architecture