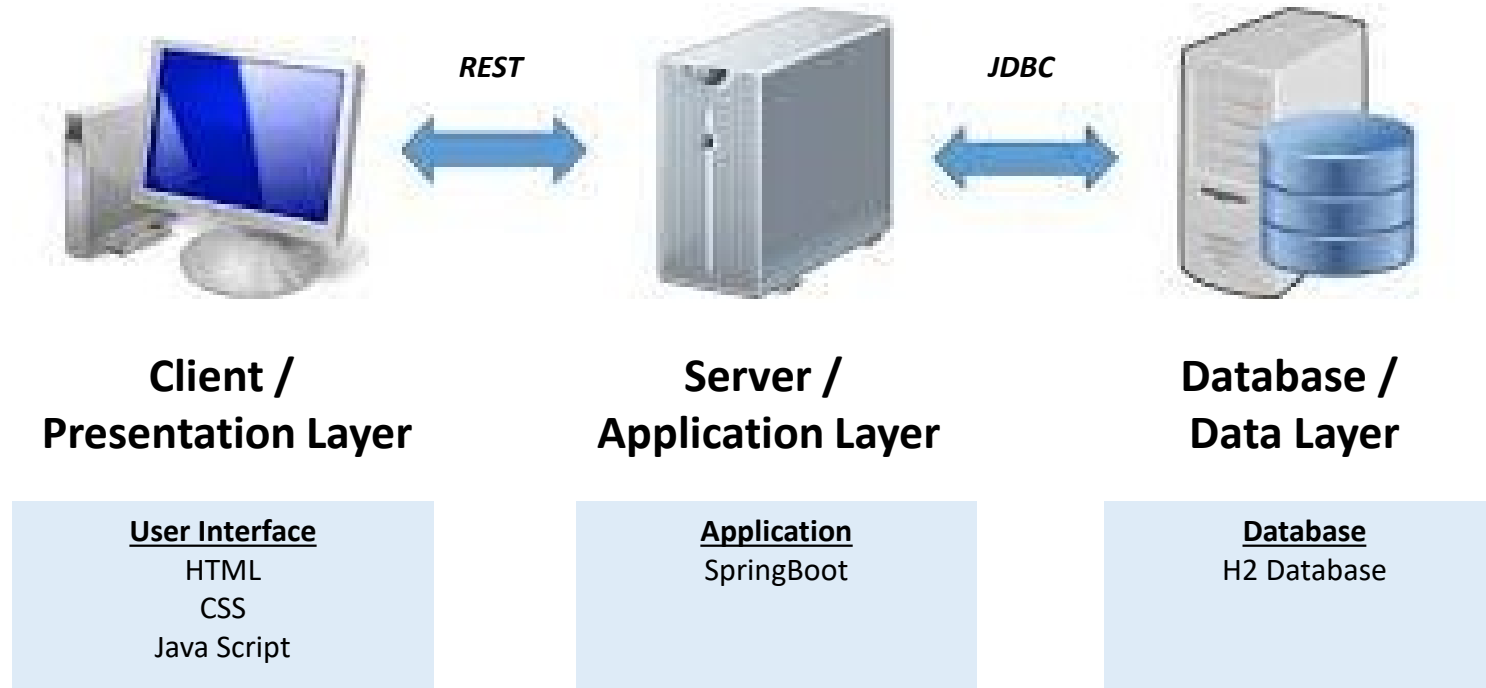


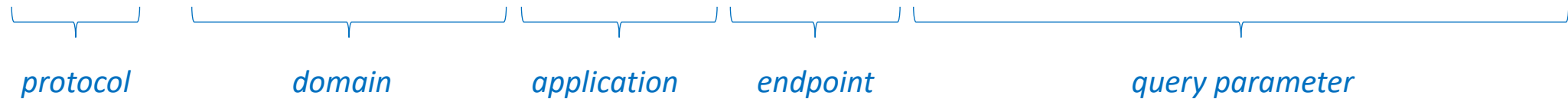
REST API

3 Tier Architecture



REST URL Structure

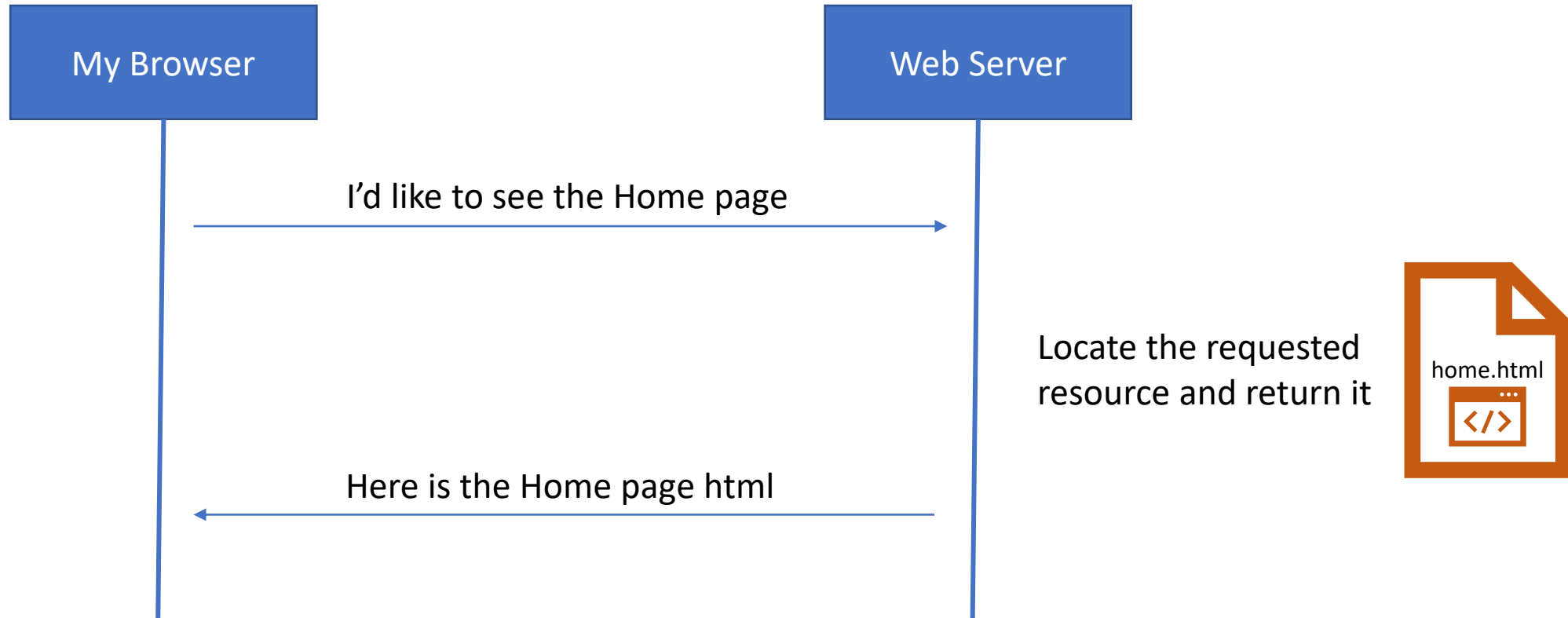
`https://example.com/empapp/search?region=USA&sort=join-date`



A REST API defines a set of functions which application developers can submit Request and receive Response via HTTP protocol

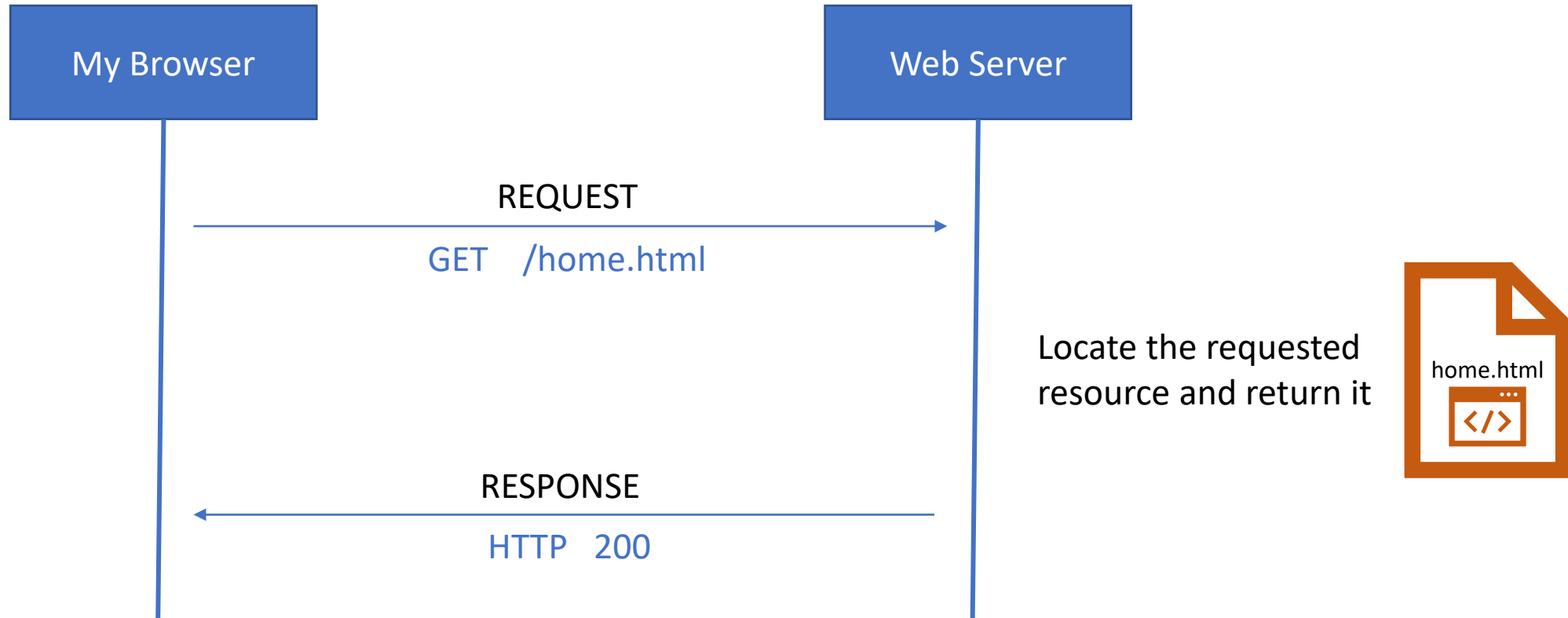
REST API : Access a Resource over Web

`http://example.com/home.html`



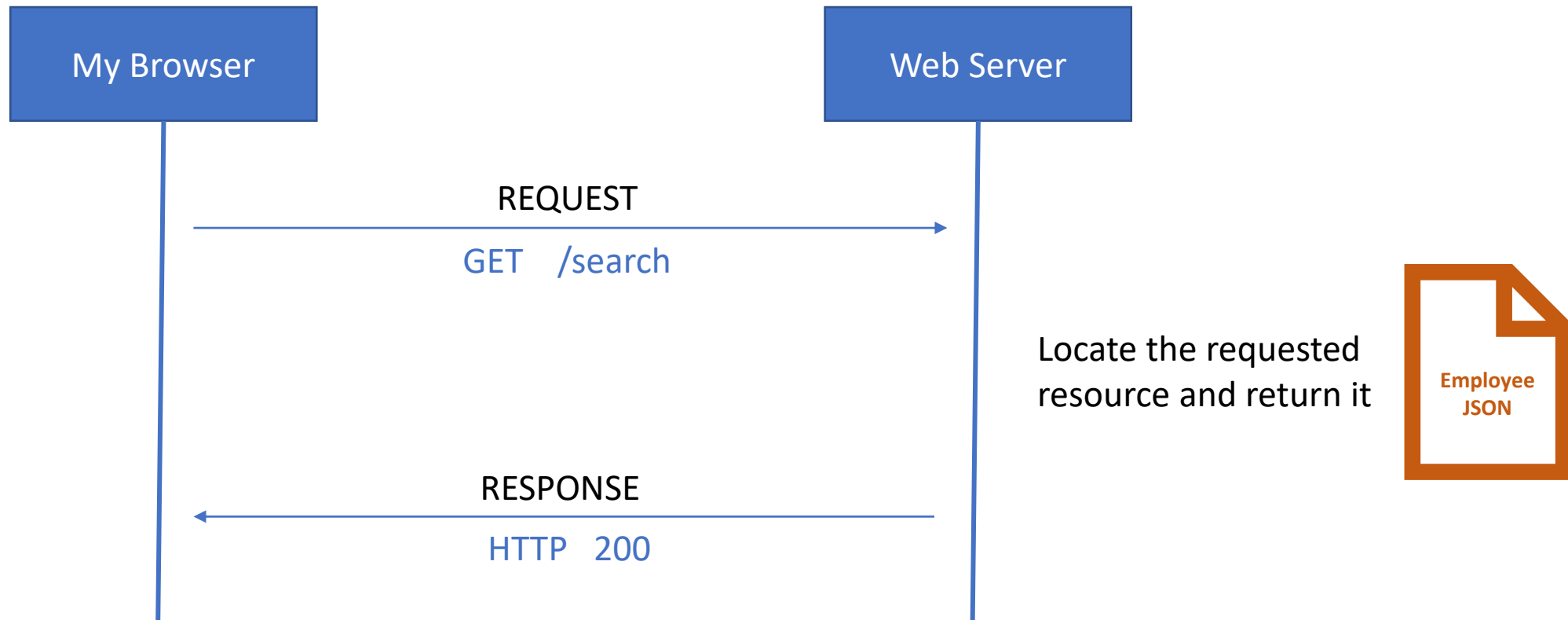
REST API : Access a Resource over Web

http://example.com/home.html



REST API : Access a Resource over Web

http://example.com/empapp/search?empid=1



HTTP Request Methods

GET	The GET method requests a representation of the specified resource. Requests using GET should only retrieve data.
POST	The POST method is used to submit an entity to the specified resource, often causing a change in state or side effects on the server.
PUT	The PUT method replaces all current representations of the target resource with the request payload.
DELETE	The DELETE method deletes the specified resource.

Reference: <https://developer.mozilla.org/en-US/docs/Web/HTTP/Methods>

HTTP Response Codes

200	Success
400	Bad Request
401	Unauthorized
403	Forbidden
404	Not Found
500	Internal Server Error

Reference: <https://developer.mozilla.org/en-US/docs/Web/HTTP/Status>