

Interface realization

The presentation tier should be stateless - the requests are separated. The state of the application is managed by the application tier.

Using the following approach, we can make the two methods public (doLogin, getSession) and the application still stays secure. In addition the session object allows only those actions, for which is the user authorized by the system of user rights.

Login - first interaction

The user gives the USERNAME and PASSWORD. These are processed using the LOGIN method of the APPLICATION. The result can be successful - returns a SESSION object, or an error can occur, and no object is returned. The session object contains a session identifier (SID) which can be put in a cookie on the user agent's side.

Actions - following the login

The user agent provides the SID from a cookie. In the presentation tier we need to restore the session object, because this object contains the various methods which represent the actions of the user (creating, modification and deletion of data).

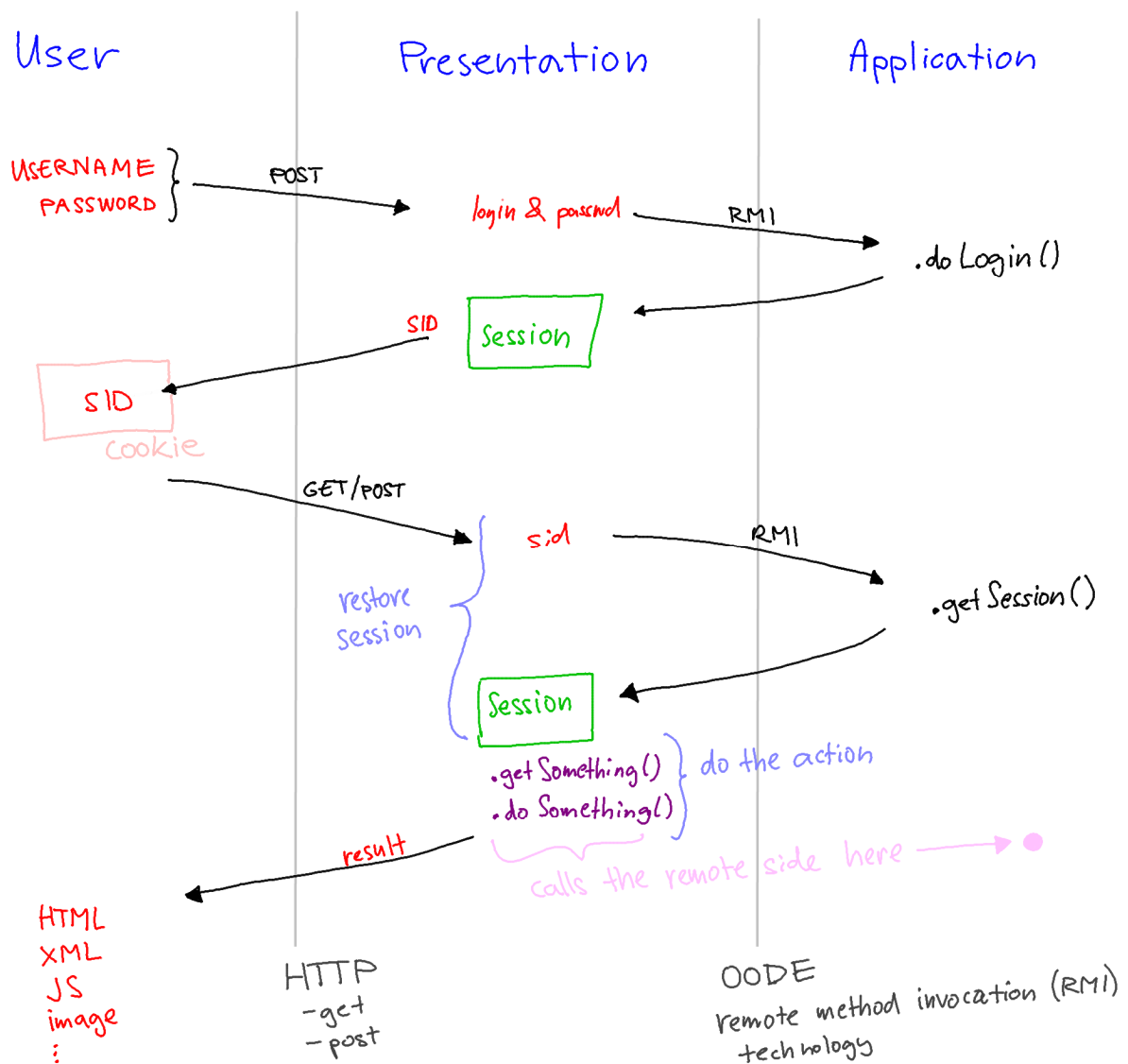


Fig. 1: Basic interaction of various tiers