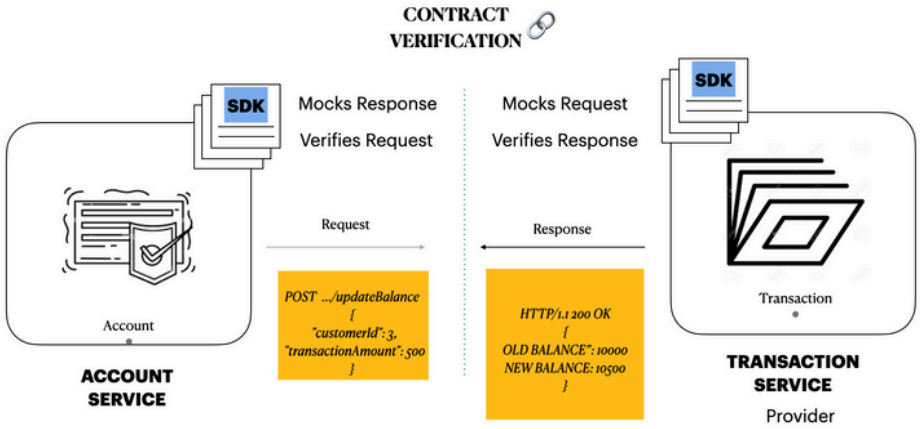
HYPERTEST

A Quick Guide on HyperTest's Smart Mocking Approach

Service to service interactions called contracts are automatically built by HyperTest by monitoring actual interactions.

Mocking External Services: Downstream calls, 3rd party APIs

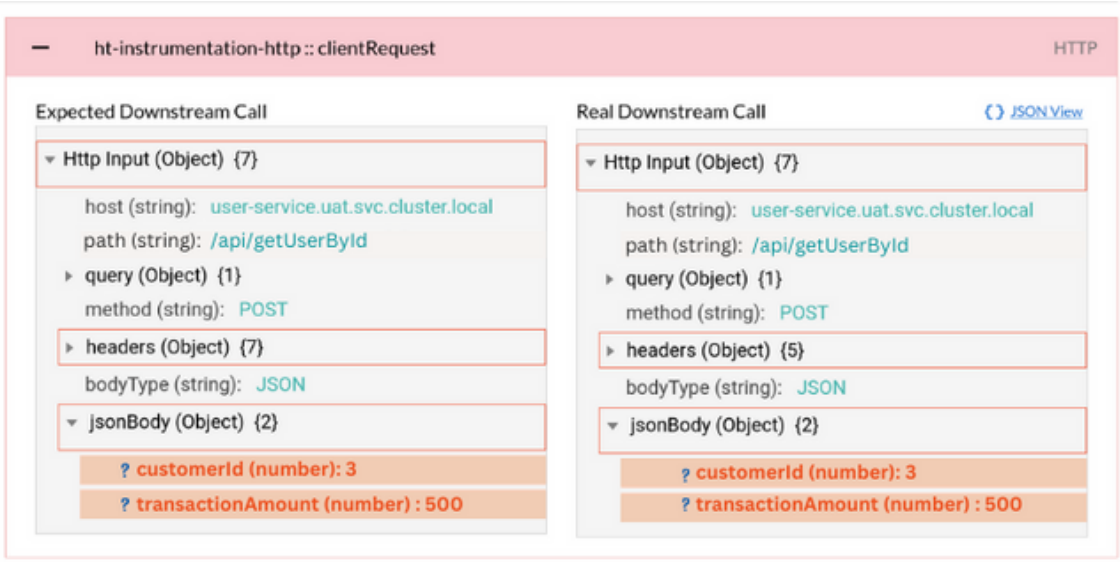


- The HyperTest SDK is set-up on the **AccountService** and **TransactionService**
- It monitors all the incoming and outgoing calls for both **AccountService** and **TransactionService**.
- In this case, the request - response pair i.e. the contract between **AccountService** - **TransactionService** is captured by HyperTest. This contract is used as to mock the **TransactionService** when testing **AccountService** and vice versa.

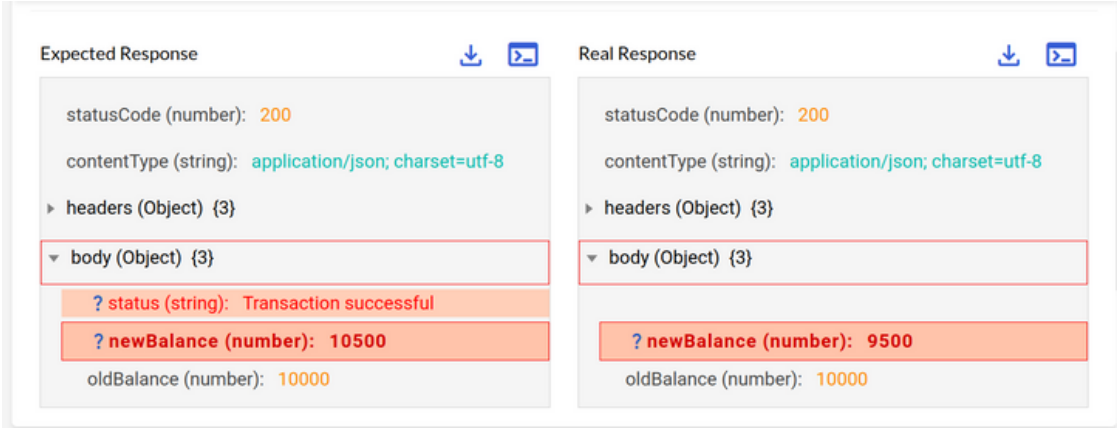
Now when the developer wants to test his **AccountService** class in Accounts Service, HyperTest CLI builds **AccountService** app locally or at the CI server and calls this request, and supplies the mocked response from **TransactionService**.

HyperTest SDK that tests TransactionService and AccountService separately, automatically asserts 2 things:

- The **TransactionAPI** was called with the correct parameters by the **AccountService**



- Response of the **TransactionService**, i.e. new balance is same as 10500. If not it reports error like this.



HyperTest mocks upstream and downstream calls automatically, somethings that 20 lines of mockito code will be able to do. Best thing, it refreshes these mocks as the behavior of the AccountService (requests) or TransactionService (response) change.

HYPERTEST

95 Third Street
2nd Floor, 94103 San Francisco,
California, USA

Follow us on