



Figure: Lifecycle of put request with Observer coprocessor

1. Client sends a put request to a HMaster and HMaster dispatches request to appropriate Region Server
2. Region Server dispatches the request to the appropriate Region
3. Put request is intercepted by CoprocessorHost and invoices prePut() on each Region server
4. CoprocessorHost dispatches the request to RegionObservers and prePut() method of Observer Coprocessor is triggered.
5. After the completion of prePut(), the request is forwarded to the put operation of the request lifecycle
6. Assuming no interruptions, the request is carried out to postPut() method by CoprocessorHost
7. After postPut() produces the result, the response is forwarded to Region Server
8. Region Server then returns the response back to the client