



(a) The Synapse Architecture

```
{ app: "pub3",  
  operations: [ {  
    operation: "update",  
    type: ["User"],  
    id: 100,  
    attributes: {  
      interests: ["cats", "dogs"]  
    } } ],  
  dependencies: {  
    "pub3/users/id/100": 42 },  
  published_at: "10/11/14 07:59:00",  
  generation: 1 }
```

(b) Sample Write Message