**Version 1: without HBase (Testing Version)**

put, get

Client

Map

Simulated Store

register, notify

register, notify

View Manager 1

View Manager 2

read, update

read, update

Simluated View

**Version 2: HBase schickt Updates per RMI**

Client

put, get

put, get

Apache HBASE

Region Server 1

Region Server 2

Master Server

Key Value Store 1

Key Value Store

Update Propagator

View Manager 1

View Manager 2

read, update

read, update

Apache HBASE

View

**Version 3 ViewManager läuft auf HBase:**

Client

put, get

put, get

Apache HBASE

Region Server 1

Region Server 2

Master Server

Key Value Store 1

Key Value Store

View Manager 1

View Manager 2

read, update

read, update

View

**Version 4 Batchprocessing:**

View

Client

put, get, request view

put, get, request view

Apache HBASE

Region Server 1

Region Server 2

Master Server

Key Value Store 1

Key Value Store

View Manager 1

View Manager 2