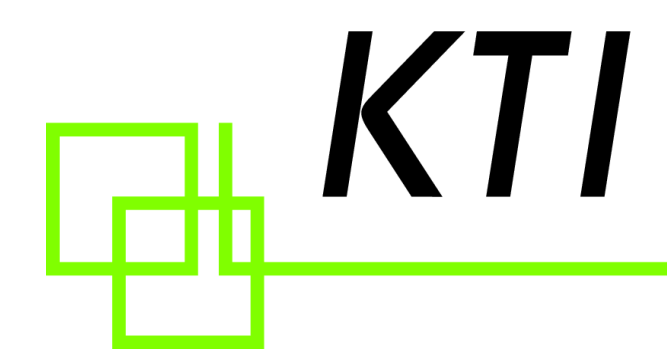


Learning Layers



# Implementing a User Interface for the Social Semantic Server

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## Download & Setup

### Download the client-side javascript library:

<http://sourceforge.net/p/learning-layers/code/HEAD/tree/trunk/SocialSemanticServer/SSSClientSide/>

### Request your Social Semantic Server playground:

[ctrattner@know-center.at](mailto:ctrattner@know-center.at)

### Read the documentation:

[developer.learning-layers.eu/documentation/social-semantic-server/](http://developer.learning-layers.eu/documentation/social-semantic-server/)

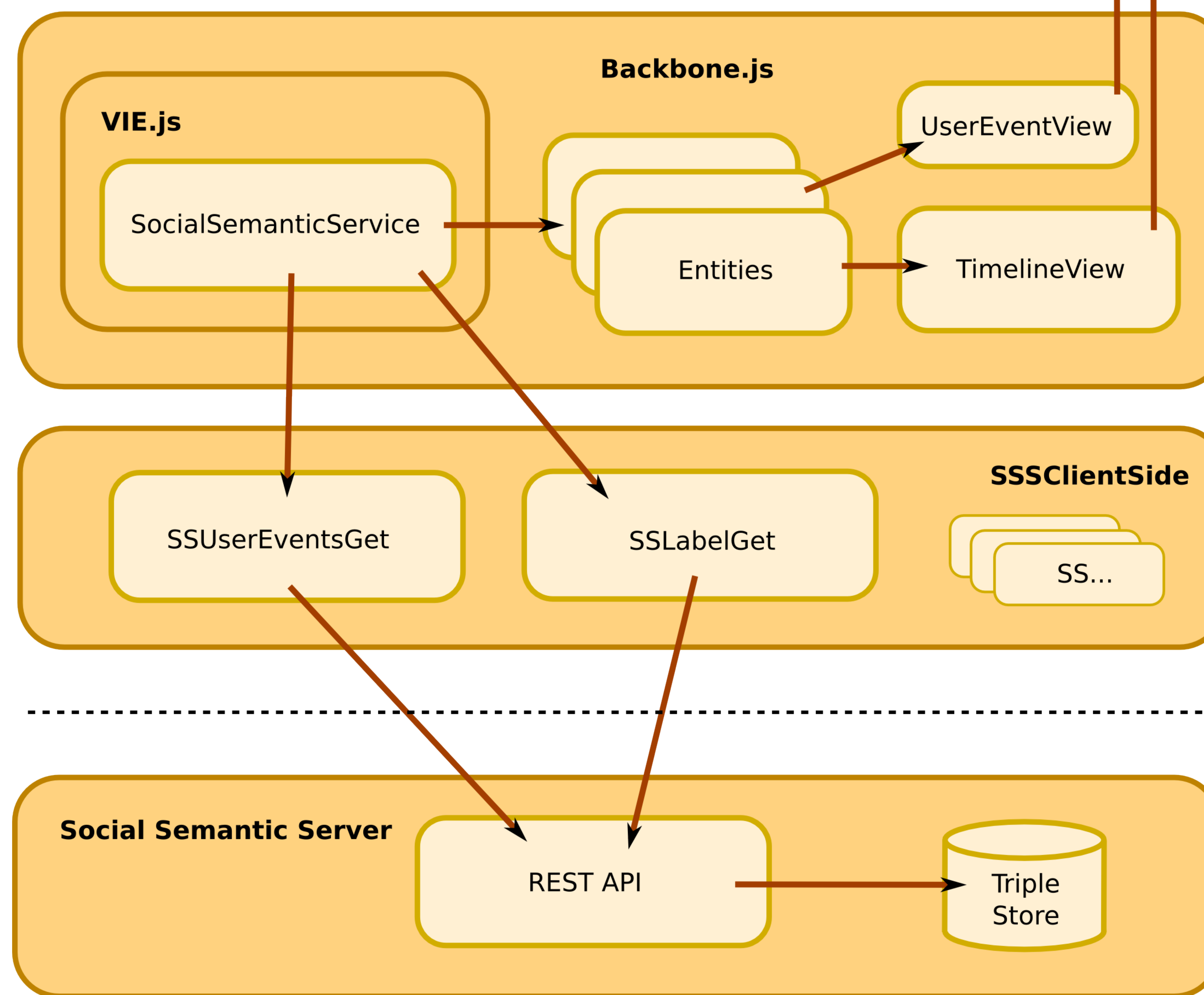
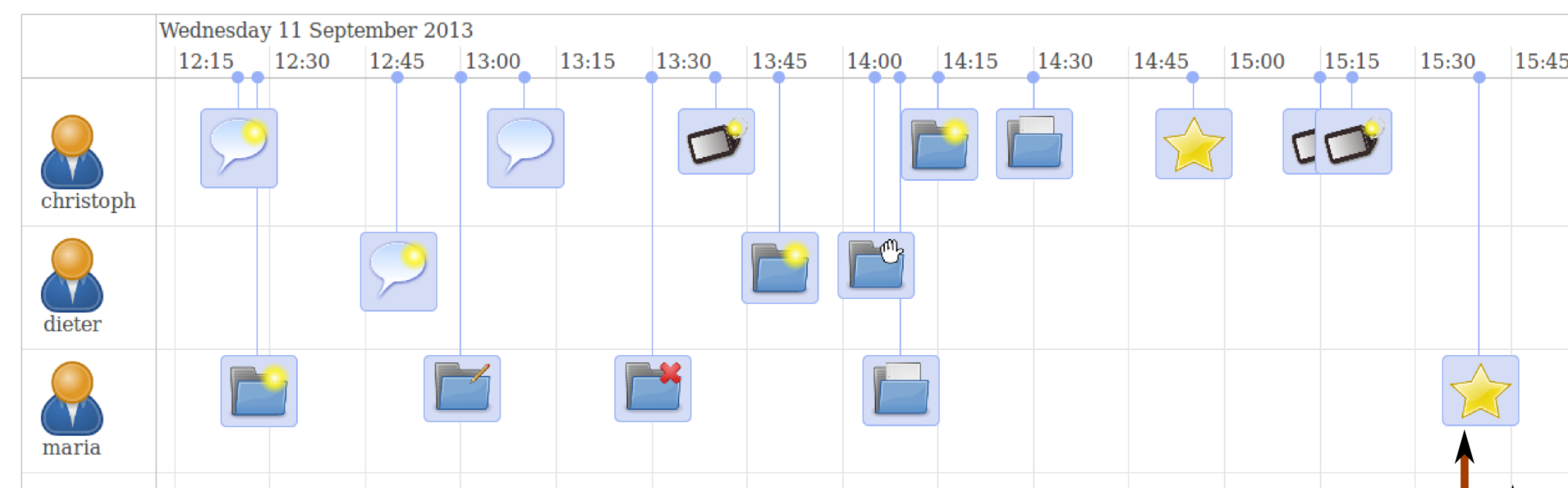
**Use SSSClientSide connectors** to communicate with the Social Semantic Server over JSON-LD

### Ex.: SSUserEventsGet

„Request user events of user Maria on collection 815“

```
new SSUserEventsGet().handle(
  resultHandlerFunction,
  errorHandlerFunction,
  <applicationUserURI>,
  <userKey>,
  „http://sss.ll/coll/815/“,
  „http://sss.ll/user/maria/“,
  1378898207000,
  1378898208000);
```

## A Timeline View of User Events



## Client Side Implementation

### 3rd party timeline library

<http://almende.github.io/chap-links-library/>

### Backbone.js (MVC-Framework)

Binds views to entities, auto triggers re-draw of TimelineView on data change

### VIE.js (Semantic Interaction Framework)

Bridges Backbone.js and the Semantic Web, implements a service for the Social Semantic Server, built-in support for JSON-LD

### Ex.: JSON-LD Response

```
{ "@context": { ... },
  "userEventsGet": {
    "userEvents": [
      {
        "uri": "http://sss.ll/event/471/",
        "user": "http://sss.ll/user/maria/",
        "resource": "http://sss.ll/coll/815/",
        "type": "createPrivateCollection",
        "content": "NA",
        "timestamp": 1378898207405
      }
    ]
  },
  "error": false
}
```