

# Sociocortex Tutorial

Daniel Elsner – [daniel.elsner@tum.de](mailto:daniel.elsner@tum.de)

---

## Table of Contents

### Introduction

#### Motivation

#### Concepts

### Configuration

### Getting started with the REST API

#### Introduction to demo scenario

#### Register a user

#### Creating a workspace

#### Creating entity types

#### Creating attribute definitions

#### Creating entities

#### Getting entity types

#### Getting an entity

#### Getting attribute definitions

#### Getting tasks and task definitions

#### Searching for entities

#### Updating entity type

---

A hands-on tutorial for the [sociocortex](https://sociocortex.com) (<https://sociocortex.com>) REST API.

## Introduction

## Motivation

What is sociocortex and explanation how the REST API is used to communicate with the platform in client applications.

## Concepts

- Architecture (Layers)
- Class Hierarchy (Entities, Workspaces, Tasks, etc.)

- Basic types in sociocortex (Numbers, String, Enum, Date, etc.)
- Usage (server.sociocortex (CM?), REST API, sc-angular, modeler, visualizer) (?)

## Configuration

- Links to Bitbucket/Github repo
- Offline version: Sociocortex setup
- Online version: Authentication
  - POSTMAN test-setup (create?!)

## Getting started with the REST API

### Introduction to demo scenario

Demo scenario is a simple publication management.

### Register a user

- Looking for existing users (GET)
- Create User (POST)

### Creating a workspace

- Looking for existing workspaces (GET)

```
curl -X GET https://sociocortex.com/api/workspaces
```

BASH

- Creating workspace *publication management* (POST)

```
curl -X POST https://sociocortex.com/api/workspaces
```

BASH

- Look at result (GET)

### Creating entity types

- Creating *publication* entity type (POST)
- Creating *conference* entity type (POST)

### Creating attribute definitions

- Creating *something* attribute definitions (POST)

## Creating entities

- Creating *publication* entity (POST)

## Getting entity types

- Looking for existing entity types (GET)

## Getting an entity

- Looking for existing entities (GET)

## Getting attribute definitions

- Looking for entity type with attribute definition (GET)

## Getting tasks and task definitions

- Create Task Definition (POST)
- Create task (POST)

Set attribute (ideally bool) → task gets completed

## Searching for entities

- Searching for entities with parameters (GET)

## Updating entity type

- Updating by adding new attribute definition (PUT)
- Updating name of entity (PUT)

Last updated 2016-07-06 13:44:03 CEST