

UNIVERSITÁ DELLA SVIZZERA ITALIANA

FACULTY OF INFORMATICS

BACHELOR PROJECT
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Smart-IVC

Interactive Visualization of Cities

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1. Motivation

Data about cities, for example involving the locations of buildings or the traffic history, is spread among various public entities and organizations, making it difficult to leverage them to support urban design and planning.

2. Goal

The objective of this bachelor project is to create a web application that provides a 3D visualization of a the urban environment of a city and integrates various sources of information about it, extracted for example from web resources. It will allow live interaction with entities like buildings and the formulation of complex visual queries, for example by allowing a user to understand the distribution of important buildings like schools.

3. Project Description

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4. Plan

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