

KNOWDIVE



KGE - Knowledge Graph Engineering

Trentino Territorial Community Services

KGE 2023 Project Proposal

Contents

- 1 Project Objective**
- 2 Purpose**
- 3 Data Resources**
- 4 Schema Resources**

Contents

1 Project Objective

2 Purpose

3 Data Resources

4 Schema Resources

Project Objective

- This project considers the **Trentino** region as the environment in which data about **various territorial community services** should be integrated by building a **Knowledge Graph (KG)**.
- Such kind of data can encode information about *shops, pharmacy, sports facility, museum, castle* and other information supporting territorial community services in the region.
- The aim of the project is to create a KG which can provide information about the territorial community services of different municipalities in Trentino. This objective will be achieved through the **iTelos methodology** which facilitates creation of a Knowledge Graph (KG) integrating data from different data sources.

Contents

1 Project Objective

2 Purpose

3 Data Resources

4 Schema Resources

Purpose

The final KG can be used to provide a general purpose service helping the users (for example tourists/citizens) to find information about the various territorial community services provided by different municipalities in the region of Trentino. This purpose, for instance, can be described in the form of the following user request:

"A service which help the users to know about different territorial community servives provided by different municipalities in Trentino."

Contents

1 Project Objective

2 Purpose

3 Data Resources

4 Schema Resources

Data Resources

The data resources provided to achieve the project's objective are:

- **Territorial Community Services - Various Municipalities @ Trentino :**
[Territorial Community Services of Various Municipalities in Trentino](#)

Contents

- 1 Project Objective
- 2 Purpose
- 3 Data Resources
- 4 Schema Resources**

Schema Resources

The reference schemas provided to achieve the project's objective are:

- **GTFS Static (for modelling transportation) :**
[GTFS Static](#)
- **iCal (for modelling time) :**
[iCal](#)
- **INSPIRE (for modelling space) :**
[INSPIRE](#)
- **schema.org (for modelling common concepts) :**
[schema.org](#)
- **DCAT2 (for modelling metadata) :**
[DCAT 2](#)



KDI Knowledge and Data Integration



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**Trentino
Territorial Community Services**