

Overview

YouTwindi is the next step in human-computer interaction: a digitalized world where the digital twin evolves and interacts with other digital twins and makes autonomous decisions in the interest of its human twin.

A world where security and digital ethics assure ethical decisions and where IT specialists concur on enhancing the digital landscape with ethical models. A world where language barriers are removed and a continuous match of demand and offer and tailored searches help the human twin to improve his life in all aspects.

YouTwindi will use the most advanced technologies in the domain of real-time language translation and analysis, allowing the user and its digital twindi to interact with all the European citizens without being blocked by any language barrier.

The usage of advanced APIs in the domain of language translation and interpretation will allow the users and interconnected systems to transparently work with other users and systems independently from the used language.

Prototype

The goal of the project is to build a prototype for a personal virtual assistant, which can be installed on a small hardware device or integrated within the ELG container.

We want to demonstrate that this can be accomplished using ELG language resources and technologies while keeping the highest security standards. We use open source software EDDI which is running in a docker container for the natural language interface.

Main project goal is the creation of an ecosystem for conversational AI that leverages the ELG cloud infrastructure to provide IT project managers, business analysts, software developers and software architects with a simple mechanism to integrate conversational-based software solutions independently from the end user spoken language and/or the end point interpretation language.

We believe that conversational AI apps are the best to push the interactions between people that speak different languages due to their real-time nature and the ability to create personalized customer experiences at scale.

In line with the principle that “with 24 official EU and many more additional languages, multilingualism in Europe and an inclusive Digital Single Market can only be enabled through Language Technologies” the YouTwindi solution will be developed on top of our existing solution (<https://www.eddi.labs.ai/>) and integrated with the ELG grid architecture.

In Cooperation

