



OLIMPUS (ang. *Overall Light Interactive Multi Purpose User-interface System*) is a platform designed for creating and integrating modern user interfaces supporting any non- standard interaction sources. The project aims at simplifying a development process of interfaces collaborating simultaneously with many different sources of interaction and their dynamical exchanging as well.

The OLIMPUS project aims to create a software platform, which delivers to the end-user an easy to use, but robust tool to bind the available ways of interaction with application software. The platform gives an ability to define what types of interaction the user wants to use with the applications, and for which actions in software applications the interaction is responsible for.

The basic idea for the OLIMPUS project is to detach the interaction method from an action in software, and create an ability to freely match different interaction methods with the needed functionality

THE OLIMPUS ARCHITECTURE

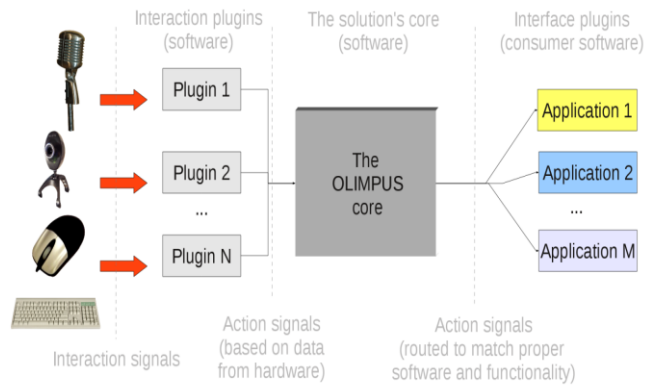


Fig. 1 OLIMPUS Architecture

OLIMPUS' communication scheme

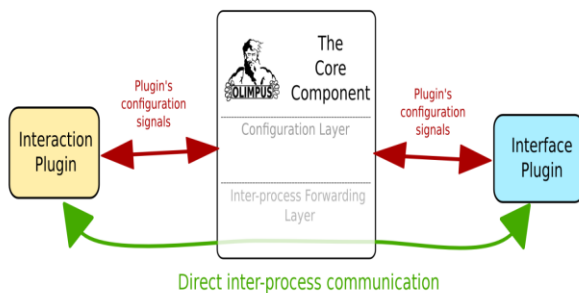


Fig. 2 OLIMPUS platform in the Communications process

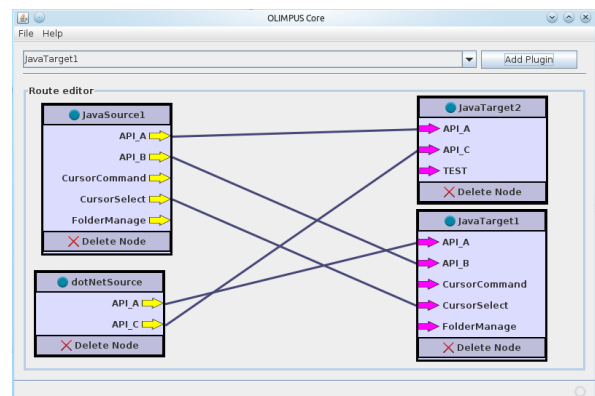


Fig. 3 Configuration of the communication human ↔ machine on OLIMPUS platform

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