The Orocos Component Library

Open RObot COntrol Software

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Abstract

This document gives a short overview of the Orocos Component Library [http://www.orocos.org/ocl], a collection of useful components for running and managing control applications.

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1. What is the Orocos Component Library?

This library contains user contributed software components of the *Open Robot Control Software [http://www.orocos.org]* project.

2. Component Documentation

Each component or group of associated components has a manual of its own and are available in the API documentation. The following documents are available:

- Component API Reference [../api/html/index.html]: Overview of the functions of all components.

- TaskBrowser Component Manual [orocos-taskbrowser.html]: the interactive console for communicating with any kind of component.

- Reporting Component Manual [orocos-reporting.html]: a component which can read most component data ports and save data periodically into a file.

- Deployment Component Manual [orocos-deployment.html]: a component which can be used to load and configure components in the same process.

- Lua RTT Manual: [rttlua.html] Use Lua to script deployments, components and services.