

OCμ - Organic Computing Middleware

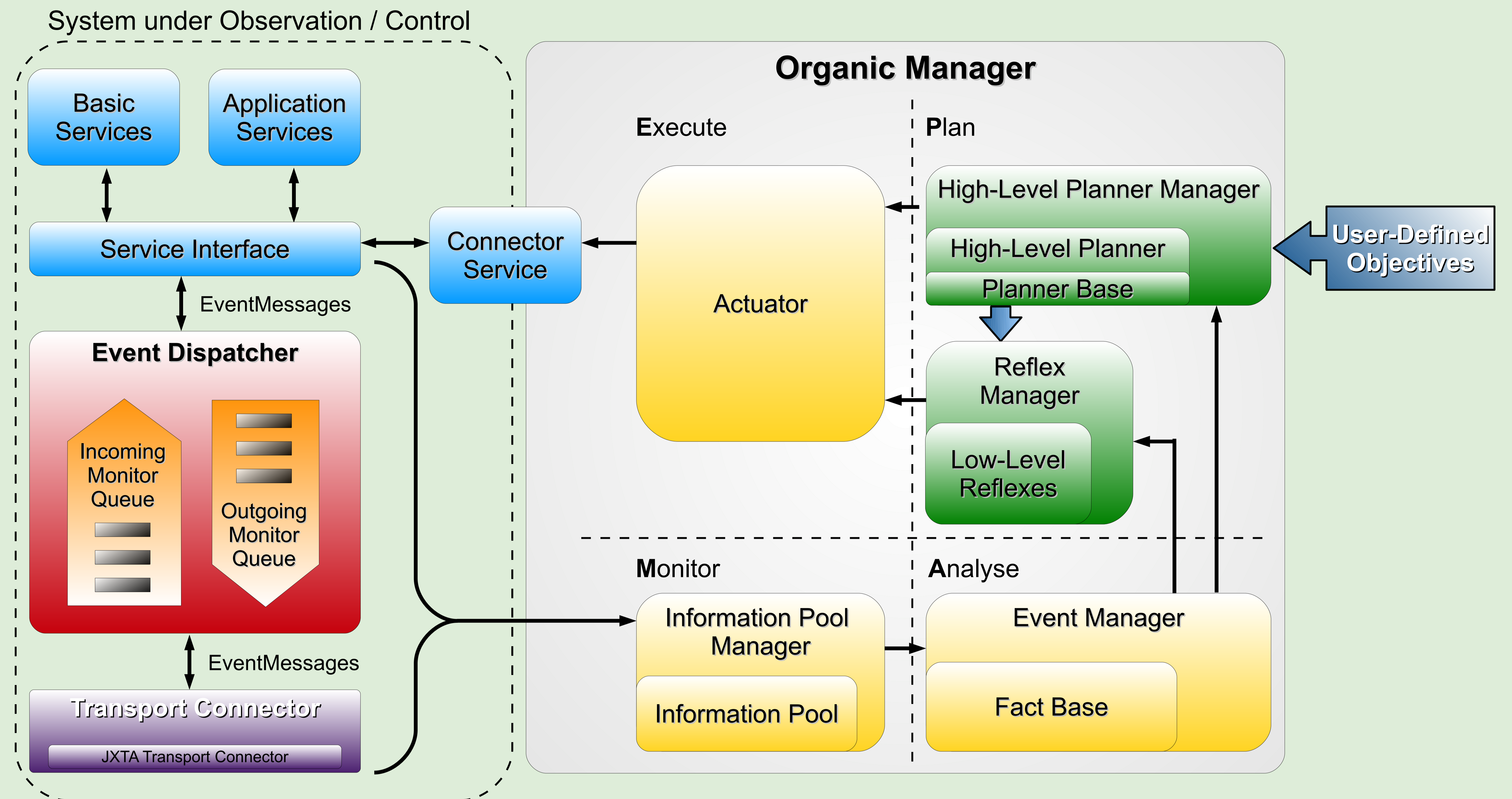
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Preliminary OCμ Architecture of Third Phase



Organic Manager

Information Pool

Collection of monitored data.

Information Pool Manager

Administrates the data and transfers it to the Fact Base.

Fact Base

Collection of aggregated data from the Information Pool.

Event Manager

Administrates the Fact Base and triggers events based on changes of the Fact Base.

User-defined objectives

Objectives provided by the user to determine the systems behavior.

Planner Base

Provides actions and objectives.

High-level Planner

Exchangable automated planning engine to maintain the objectives.

Low-level Reflexes

Extends the High-level planner to provide quick response.

Reflex Manager

Creates reflexes from plans.

Actuator

Executes instructions of the Organic Manager.