Grasping planner

Grasping Synthesis	Grasping Selection
Collection of tools to generate feasible grasping candidates in dataset fashion. Mission offline stage deployment.	Mission run-time stage to evaluate generated grasping candidates with task-oriented analysis

Developer structure

Static implementation supported by structured polyphormic classes

Dynamic implementation supported by plugin manager

Common data workflow to easily integration between methodologies

ROS integration

Standardised and formalised results assessments definition

End-user architecture

Synthesis

Choose the metrics

↓

Build the pipeline

↓

Configure

↓

Generate grasping dataset

↓

Export data

Selection

Choose the metrics

↓

Build the pipeline

↓

Configure

↓

Start grasping task

Examples