

Recent Results Using RoboBrain Knowledge Engine

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1 RoboBrain Knowledge Engine

RoboBrain knowledge engine (), aims to develop a semantic network that stores concepts such as grasping features, affordance properties, semantic labels, lexical entries etc. which are useful for different applications in Robotics.

In this report, we provide an update on recent results in successful usage of RoboBrain for well known robotic task of natural language grounding () and grasping objects ().

2 Recent Results

2.1 Grounding Natural Language

Lexical Entries.

Spatial Relation Fields.

Controller Functions.

2.2 RoboBrain for Grasping

3 Conclusion