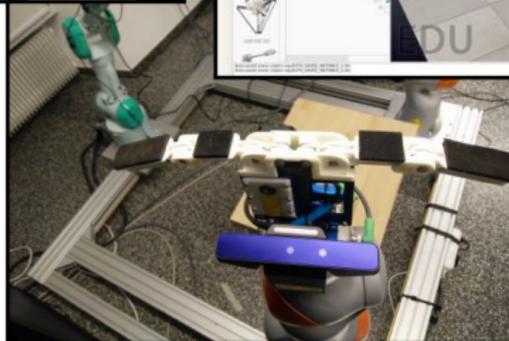
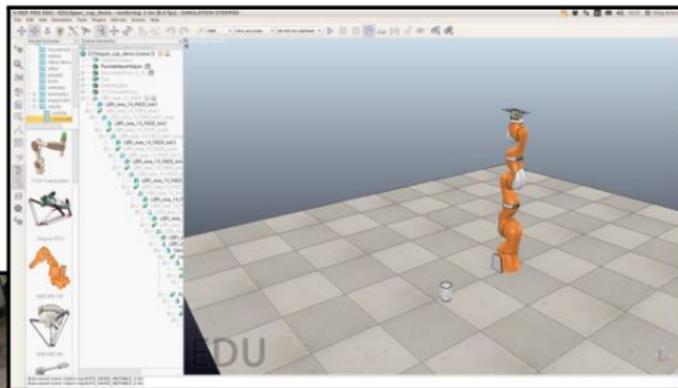
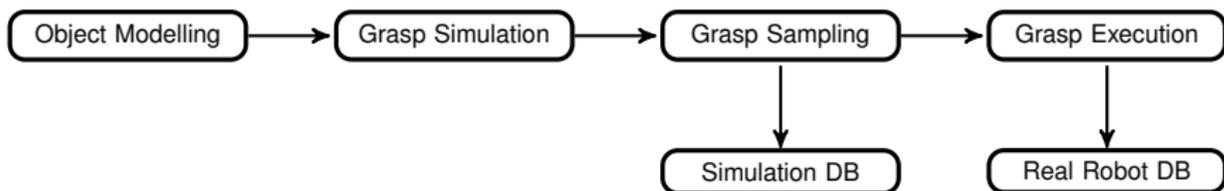


Building a Grasping Testbed





Object Modeling:

1. Get pointclouds of given object from different perspectives using both IIWAS
2. Merge all pointclouds into one frame and create object Mesh

Grasp Simulation:

1. Send Mesh to V-REP simulator using API
2. Write a function `cost = evaluate_grasp(Mesh, JointConfiguration)`

Grasp Sampling:

1. Sample configurations according to $p(\theta|\text{Mesh}) \propto \exp\left(-\frac{1}{\beta}\text{cost}_{\text{Mesh}}(\theta)\right)$