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KATHOLIEKE UNIVERSITEIT
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HOCHSCHULE
UNIVERSITY OF
APPLIED SCIENCES
INGOLSTADT

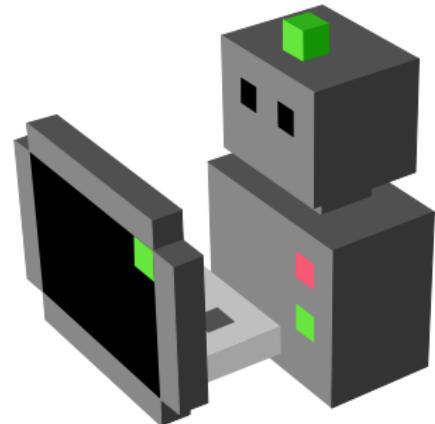


MORSE & HRI

Recent Perspectives

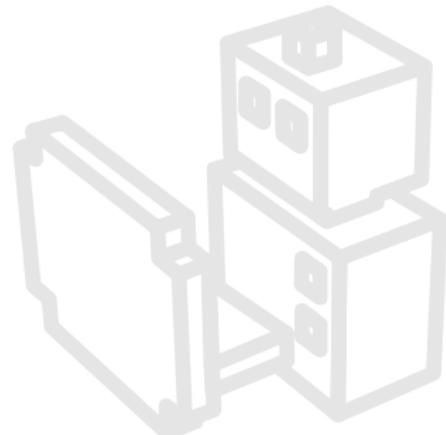
October 13, 2014

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Michael Karg, Harmish Khambaita,
Lars Kunze, Florian Lier,
Ingo Lütkebohle and Grégoire Milliez

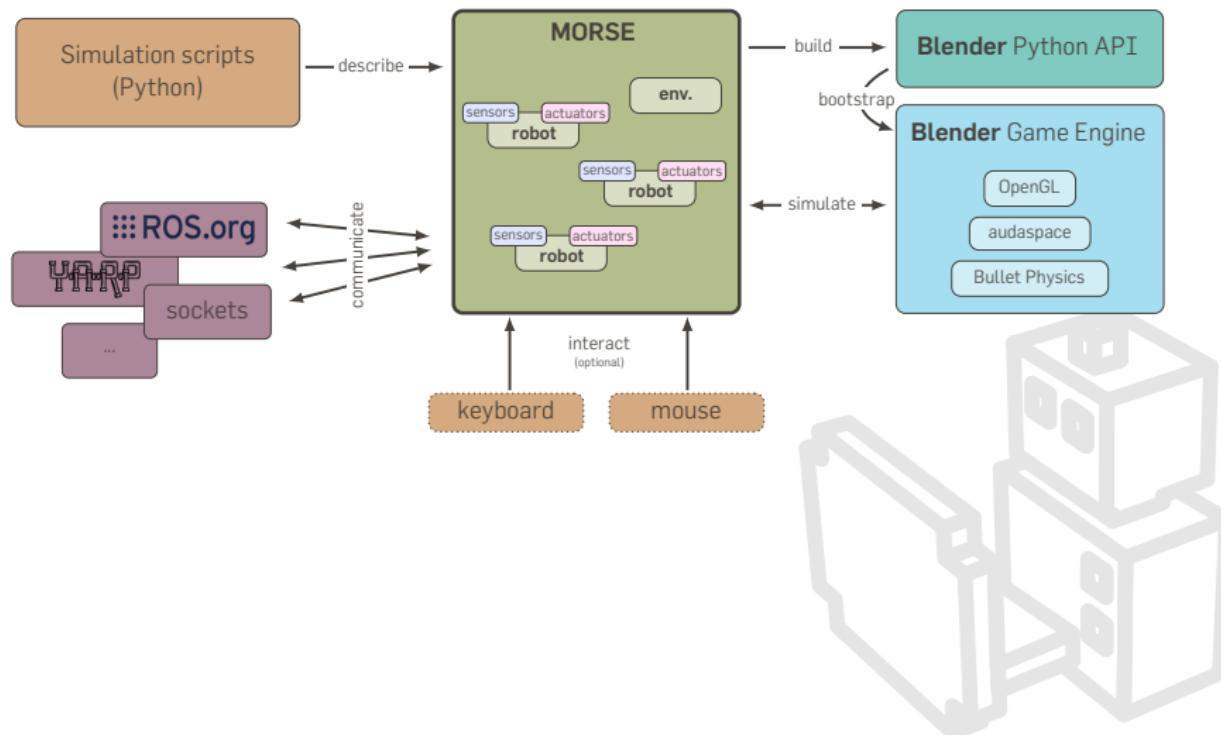


OVERVIEW

1. Brief Recap of MORSE
2. Simulating HRI



BRIEF RECAP OF MORSE



```
1 from random import uniform
2 from morse.builder import *
3
4 robot = PR2()
5
6 for h in range(30):
7     human = Human()
8     human.translate(
9         uniform(-5, 5),
10        uniform(-5, 5),
11        0)
12
13     human.rotate(
14         0,
15         0,
16         uniform(0, 360))
17
18 env = Environment('sandbox')
```





Not there yet...

SIMULATING HRI

SITUATION ASSESSMENT WITH HUMAN



LARGE SCENARII



REFINING ALGORITHMS

