Factory in a Day

Self Introduction

Stowing Challenge	Picking Challenge
Delft - 214	Delft – 105 (00:00:30)
NimbRo - 186	PFN – 105 (00:01:07)
MIT - 164	NimbRo - 97



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Contents

- Getting started with the Amazon Picking Challenge (APC) [1]
- Team Delft APC motion module with MoveIt! [2]
- MoveIt! Specific lessons learnt
- General lessons learnt
- Concluding remarks

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Getting started with APC

[Fiad-tud-3me] Fwd: [robocup-worldwide] Amazon Picking Challenge @ RoboCup 2016

fiad-tud-3me-bounces@lists.tudelft.nl on behalf of G.A. vd. Hoorn - 3ME [g.a.vanderhoo...

To: fiad-tud-3me@lists.tudelft.nl

Attachments: (2) Download all attachments
Attached Message Part (246 B); ATT00001.txt (230 B)

Thursday, December 17, 2015 3:58 PM

so .....

;)

Gijs

-------- Original Message --------
Subject: [robocup-worldwide] Amazon Picking Challenge @ RoboCup 2016
Date: Thu, 17 Dec 2015 14:53:06 +0000
From: Durham, Joey <josepdur@amazon.com>
To: robocup-worldwide@cc.gatech.edu <robocup-worldwide@cc.gatech.edu>

Amazon Robotics is pleased to announce the second edition of our manipulation contest to be held at RoboCup at the end of June 2016 in Leipzig, Germany (http://www.robocup2016.org/).

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Why MoveIt!?

- Previous experience with pick and place applications.
- Knowledge of using pick and place pipeline for an industrial “boxpacking” task.
- Curiosity! [3]

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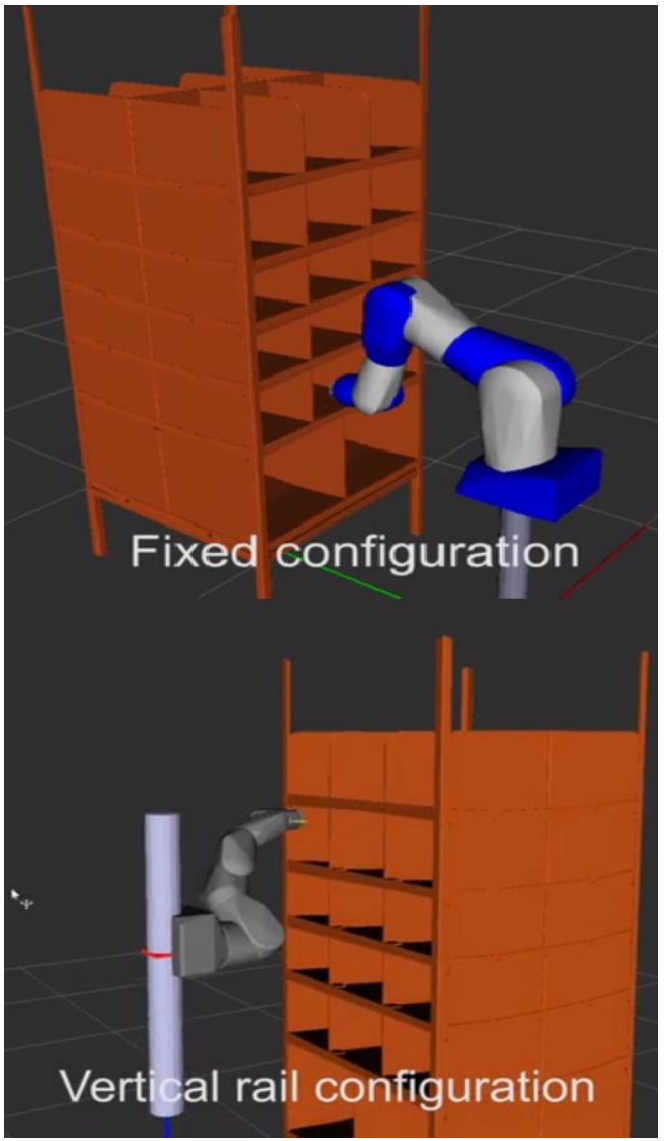


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Robot setup

Workspace analysis of different configurations



- Fixed Configuraton
  - Upper and lower bins at the centre.
  - Deep corner bins.
- Vertical configuration
  - Side and corner bins.
  - Practicalities with the rail.

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：https://d.book118.com/935114224030011110