



## Std. Component Libraries

- Interfaces to standard actuators / sensors
  - Odometry, Camera, IR sensors, Sonar, LIDARs, ...
- Reference implementations
  - Mapping, Feature Extraction, Planning, Navigation, ...

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## Tools for Development

- Integration with UML for other design methodology
- Code templates / reference models
- Integration with debuggers for efficient development
- Facilities to accommodate logging
- Methods for simulation
- Methods for visualization of state

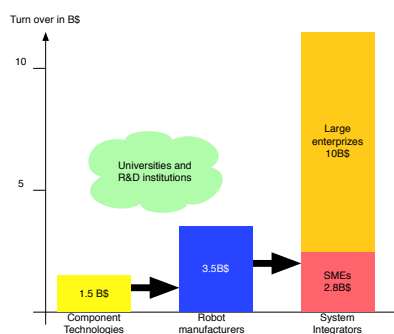
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## Outline

- 1 Introduction
- 2 **MSRS Overview**
- 3 A few details
- 4 Competitors
- 5 Summary

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## A note on robot economy

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Introduction
MSRS Overview
A few details
Competitors
Summary

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January 21, 2008
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Introduction

MSRS Overview

A few details

Competitors

Summary

# Summary

- Brief introduction to MSRS
- Systems integration is key to success
- MSRS is one option and the future will be interesting
- C# / .NET knowledge a significant advantage
- There is a learning curve but now there are good tutorials and the documentation is OK.
- For 8803 there are standard drivers for all devices

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