Soft Real Time Design

Gerrit Muller
Buskerud University College
Frogs vei 41 P.O. Box 235, NO-3603 Kongsberg Norway
gaudisite@gmail.com

Abstract

Soft Real Time design addresses the performance aspects of the system design, under the assumption that the hard real time design is already well-covered. Core decisions in soft real time design are:

- granularity
- synchronization
- prioritization
- allocation
- resource management

The complete course ASP™ is owned by Buskerud University College. To teach this course a license from Buskerud University College is required. This material is preliminary course material. The final material and course information can be found at: [www.esi.nl/cursus](http://www.esi.nl/cursus).

All Gaudi documents are available at: http://www.gaudisite.nl/

version: 0.2 status: preliminary draft March 6, 2013
1 Acknowledgements

The diagrams are a joined effort of Roland Mathijssen and Gerrit Muller. A lot of the material is based on material from the EXARCH course created by Ton Kostelijk and Gerrit Muller.

References


History

Version: 0.2, date: 14 February, 2007 changed by: Gerrit Muller

• refactoring. Moved MRI reconstruction Performanc eto another presentation

Version: 0.1, date: June 13, 2006 changed by: Gerrit Muller

• reorder and relayout

Version: 0, date: January 9, 2006 changed by: Gerrit Muller

• Created, no changelog yet