





# Model Based Requirements Engineering for **Embedded Software**

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# Requirements Engineering for Embedded Systems



### Contents

- Survey of Requirements Classifications
- **AUTOMOTIVE Requirements Engineering Process**
- Model Based Requirements Classification
- **Tool Support**











# Requirements Engineering for Embedded Systems



Survey of Requirements Classifications

- "Qualitative improvement of requirements documents"
- Checklist for requirements elicitation
- Structuring rules for requirements
- Smooth transition from informal requirements to models

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# Requirements Engineering for Embedded Systems Classification Approaches V-Modell VDMA CMM MIL standards DoD standards DoD standards BOSCH III @ BOSCH III @ IEEE Joint International Requirements Engineering Conference 2002





























