

MASTER THESIS

Thesis submitted in partial fulfillment of the requirements for the degree of Master of Science in Engineering at the University of Applied Sciences Technikum Wien - Degree Program Embedded Systems

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Vienna, December 2, 2018



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Schlagworte: Schlagwort, Schlagwort, Schlagwort, Schlagwort, Schlagwort

Abstract

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Keywords: Keyword, Keyword, Keyword, Keyword, Keyword

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1

Introduction

Example crossreference to Chapter 2 showing how to crossreference content between chapters when compiling individually (cf. `\onlyifstandalone{}`).

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1.2 Second

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2

Content

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

This chapter provides examples on

- Equations (cf. Section 2.1)
- Acronyms (cf. Section 2.2)
- References (cf. Section 2.3)
- Textual:
 - `itemize` (cf. Subsection 2.4.1)

- enumerate (cf. Subsection 2.4.2)
- description (cf. Subsection 2.4.3)
- Theorems (cf. Subsection 2.4.4)
- Figures (cf. Section 2.5)
- Syntax Highlighting (cf. Section 2.6)
- Tables (cf. Section 2.7)
- and many more.

2.1 Equations

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

$$a = bq + r \tag{2.1}$$

where (2.1) is true if a and b are integers with $b \neq c$. Maxwell’s equations:

$$B' = -\nabla \times E, \tag{2.2a}$$

$$E' = \nabla \times B - 4\pi j, \tag{2.2b}$$

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$$\oint_C E \cdot d\ell = -\frac{d}{dt} \int_S B_n dA \quad (2.3)$$

Figure 2.1: Maxwell's equation - Faraday's law

$$\forall x \in X, \quad \exists y \leq \epsilon \quad (2.4)$$

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2.2 Acronyms

Embedded Systems (ES)-style beamer template of UAS Technikum Wien. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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- Einstein [4]
- Pentz [7]
- Goossens et al. [5]
- Daniel [3]
- Knuth [6]
- Adams [1], Babington [2], Peter Caxton [8]

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2.4 Textual

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2.4.1 Itemize

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- One
- Two
- Three

2.4.2 Enumerate

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1. One
2. Two
3. Three

2.4.3 Description

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Ant Ameise

Elephant Elefant

Bee Biene

Honey Honig

2.4.4 Theorem

Dummytext 1 *Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.*

2.5 Figures

See illustration (Figure 2.2), TikZ example (Figure 2.3), `timingtable` (2.4), and another TikZ example (Figure 2.5). Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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Figure 2.2: © 2018 Scott Adams, dilbert.com

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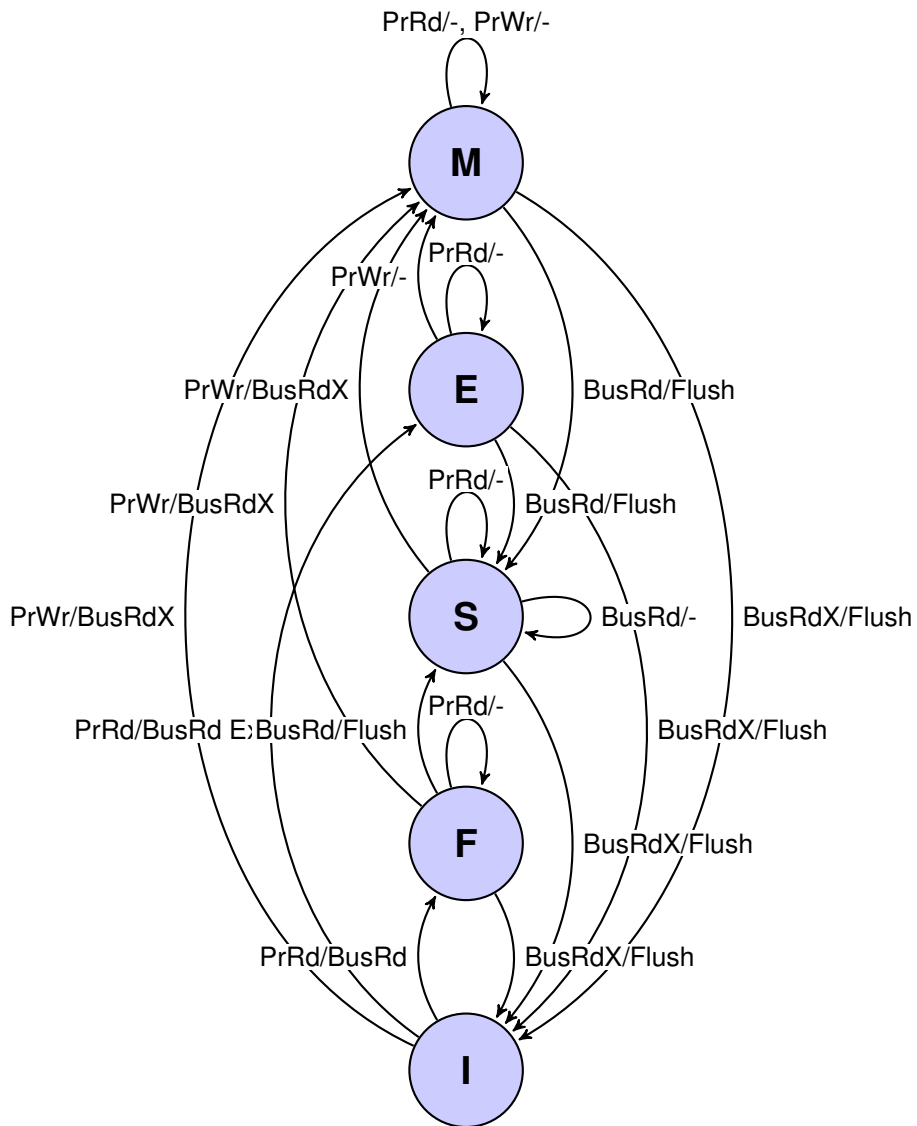


Figure 2.3: MESIF protocol, © Marek Fiser, marekfiser.cz

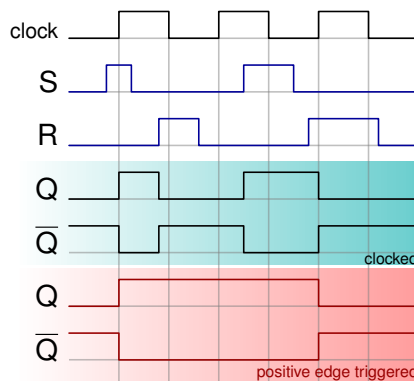
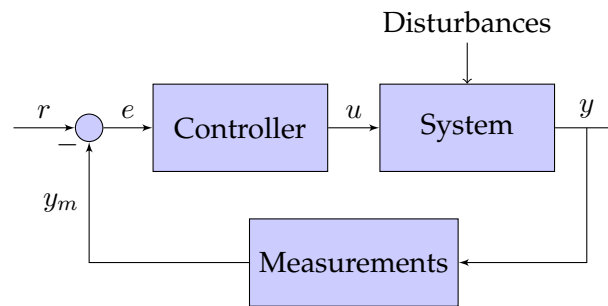


Figure 2.4: SR flip-flop timing diagram (package: timingtable)

Figure 2.5: Control system principle, texample.net

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2.6 Source Code

```

1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main(int argc, char *argv[]) {
5
6      // Print to terminal
7      printf("Hello_World\n");
8
9      return EXIT_SUCCESS;
10 }

```

Listing 2.1: C Syntax Highlighting

2.7 Tables

See simple table (Table 2.1, and more advanced, rotated example table (Table 2.2)).

Material	Symbol	E_g (eV)	Type
Elements			
diamond	<i>C</i>	5.46	i
silicon	<i>Si</i>	1.12	i
germanium	<i>Ge</i>	0.67	i
selenium	<i>Se</i>	1.74	d
IV-IV Compounds			
silicon carbide	<i>SiC3C</i>	2.36	i
silicon carbide	<i>SiC4H</i>	3.28	i
silicon carbide	<i>SiC6H</i>	3.03	i
III-V Compounds			
indium phosphide	<i>InP</i>	1.27	d
indium arsenide	<i>InAs</i>	0.355	d
gallium nitride	<i>GaN</i>	3.37	d
gallium arsenide	<i>GaAs</i>	1.42	d
aluminium nitride	<i>AlN</i>	6.2	d

Table 2.1: The bandgab of some semiconductors.

Unit name	Unit Symbol	Dimension symbol	Quantity name	Definition ¹
metre	m	L	length	<ul style="list-style-type: none"> • Prior (1793): $1/10\,000\,000$ of the meridian through Paris between the North Pole and the Equator.¹⁶ • Interim (1960): 1 650 763.73 wavelengths in a vacuum of the radiation corresponding to the transition between the $2p^{10}$ and $2d^9$ quantum levels of the krypton-86 atom. • Current (1983): The distance travelled by light in vacuum in $1/299\,792\,458$ s.
kilogram²	kg	M	mass	<ul style="list-style-type: none"> • Prior (1793): The grave was defined as being the mass (then called weight) of one litre of pure water at its freezing point.¹⁷ • Current (1889): The mass of a small squat cylinder of ~ 47 cm³ of platinum-iridium alloy kept in the Pavillon de Breteuil, France. Also, in practice, any of numerous official replicas of it. • Future (2019): The kg is defined by taking the Planck constant h as exactly $6.626\,070\,15 \times 10^{-34}$ J s ($J = \text{kg m}^2 \text{ s}^{-2}$), given the definitions of the m and the s.
second	s	T	time	<ul style="list-style-type: none"> • Prior: $1/86\,400$ of a day of 24 h of 60 min of 60 s. • Interim (1956): $1/31\,556\,925.9747$ of the tropical year for 1900 (January 0 at 12h ephemeris time). • Current (1967): The duration of 9 192 631 770 periods of the radiation corresponding to the transition between the two hyperfine levels of the ground state of the caesium-133 atom.

¹ Interim definitions are given here only when there has been a significant difference in the definition.
² Despite the prefix "kilo-", the kilogram is the base unit of mass.
¹⁶ *French Government (FC)*.

Table 2.2: SI base units

3

Résumé

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

3.1 First

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of

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References

- [1] P. Adams, “The title of the work,” *The name of the journal*, vol. 4, no. 2, pp. 201–213, 7 1993, An optional note.
- [2] P. Babington, *The title of the work*, 3rd ed., ser. 10. The address: The name of the publisher, 7 1993, vol. 4, An optional note.
- [3] H. Daniel, *Physik III: Optik, Thermodynamik, Quanten*. DE GRUYTER, jan 1998. [Online]. Available: <https://doi.org/10.1515/9783110807066>
- [4] A. Einstein, “Zur Elektrodynamik bewegter Körper,” *Annalen der Physik*, vol. 322, no. 10, pp. 891–921, 1905. [Online]. Available: <https://doi.org/10.1002/andp.19053221004>
- [5] M. Goossens, F. Mittelbach, and A. Samarin, *The L^AT_EX Companion*. Reading, Massachusetts: Addison-Wesley, 1993.
- [6] D. Knuth, “Knuth: Computers and Typesetting.” [Online]. Available: <http://www-cs-faculty.stanford.edu/~knuth/abcde.html>
- [7] E. Pentz, “CrossRef Monthly Newsletter,” *CrossRef*, 2004. [Online]. Available: https://doi.org/10.5555/monthly_newsletter
- [8] Peter Caxton, “The title of the work,” How it was published, The address of the publisher, 7 1993, An optional note.

List of Acronyms

ES	Embedded Systems
FG	French Government
FHTW	Fachhochschule Technikum Wien
SI	International System of Units (<i>Système international (d'unités)</i>)
UAS	University of Applied Science

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