

- UIT Wiki -

[Knowledge Database for Infotronics Group]

Jan-13 © by Zahno Silvan



1. Introduction Wiki
2. Context
3. Structure
4. Content
5. Demo
6. Discussion
7. End



Wiki Definition

«A Website developed collaboratively by a community of users, allowing any user to add and edit content.»

Introduction

Why we need a Wiki?

Collaborators leave, knowledge leaves



Introduction

Why we need a Wiki?

New assistants require many initial information

- PC setup
- Program / Toolchain setup
- Development guidelines



Introduction

Why we need a Wiki?

Find and access information quick & easily





Why we need a Wiki?

Hardware Stock management

A309



A302



A201



Introduction

Why we need a Wiki?

- Reuse old projects / Libraries / IP-Cores
- Show everybody what we do
- Project independent informations
- ...and so much more



UIT Wiki

<http://wiki.hevs.ch>



Available wikis

- IIG
- UIT
- FIS



UIT Wiki

- <http://wiki.hevs.ch/uit>
- General knowledge database for «**Unit Infotronics**»
- Replaces the old Trac Wiki

FISI Wiki

- <http://wiki.hevs.ch/fisi>
- More student project centric
- Summerschool Kart
- ELN Chronometer
- ELN Cursor

Structure



Main Navigation

Browsing

Upload Files

Edit / Create
 Log in / out
 Searching
 Page history

Content



Login

Novell User

- For registered Novell users

Log in

You must have cookies enabled to log in to UIT.

Username:

Password:

Your domain: **Novell Login** ▼

Remember my login on this browser (for a maximum of 30 days)

Local User

- For not registered users (temporary access)

Log in

You must have cookies enabled to log in to UIT.

Username:

Password:

Your domain: **local** ▼

Remember my login on this browser (for a maximum of 30 days)



Registered User

All of UIT + some additional

Amoos Serge
Bernabei Mario
Bianci Christophe
Blatter-Robyr Veronique
Bodenmann Joel
Castellaro Christian
Chatton Nils
Clausen Michael
Corthay François
Cuenin Yann
Dayer Aline
Friedli Diego
Ferrez Pierre
Furrer Dominic

Gabioud Dominique
Ganchinho Alexandre
Geiser Martial
Gubler Oliver
Hischier Thierry
Iwanowski Jean
Kanan Riad
Kilchner Lucio
Maître Gilbert
Metrailler Christopher
Moerschell Joseph
Mudry Pierre-André
Papon Charles
Petrovic Darko

Pignat Marc
Pompili Pierre
Praplan Bastien
Praplan Charles
Rieder Medard
Roduit Pierre
Roggo Dominique
Rudaz Patrice
Salamin Chantal
Sartoretti Pascal
Sierro Nicolas
Sterren Thomas
Truffer Frederic
Zahno Silvan

Content

Table Of Content

Mainpage	Startpage
Tools	How to install, setup & use programmms
Hardware	Where to find and how to use developement Hardware
Languages	Howto's, Tips, Tricks & Traps about programming languages
Components	Reusable Modules, Libraries & Designs
Standards	Standards explained e.g. PTP, EtherCat, Ethernet...
Projects	List and links to actual and old Projects
Links	Useful internet links
Articles	For publishing articles
Help	UIT Wiki help



Private vs. Public

{{private}} = only registered Novell users can access

{{public}} = everybody (inside & outside HES-SO)

By default a new page is marked as private

{{private}}

Content

Copyrights

- All `{{public}}` pages are visible by everyone
- All used images and text
 - Copyright free
 - Permission of the creator

Do not submit copyrighted work without permission!

Content

Plugins

Latex

$$\operatorname{erfc}(x) = \frac{2}{\sqrt{\pi}} \int_x^{\infty} e^{-t^2} dt = \frac{e^{-x^2}}{x\sqrt{\pi}} \sum_{n=0}^{\infty} (-1)^n \frac{(2n)!}{n!(2x)^{2n}}$$

Geshi

```
-- This is a VHDL syntax highlight example
-- import std_logic from the IEEE library
library IEEE;
use IEEE.std_logic_1164.all;

-- this is the entity
entity ANDGATE is
  port (
    I1 : in std_logic;
    I2 : in std_logic;
    O  : out std_logic);
end entity ANDGATE;

architecture RTL of ANDGATE is
begin
  O <= I1 and I2;
end architecture RTL;
```



- Login
- Page structure
- Edit / History
- Help
- Page name
- Categories
- HW Stock
- Public vs Private

Discussion



- Ideas !
- Structure optimisations ?
- Migrate other Wikis ?
- Something missing ?
- Something superfluous ?

Happy Editing!!!

End!

Jan-13 by Zahno Silvan