

# - 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

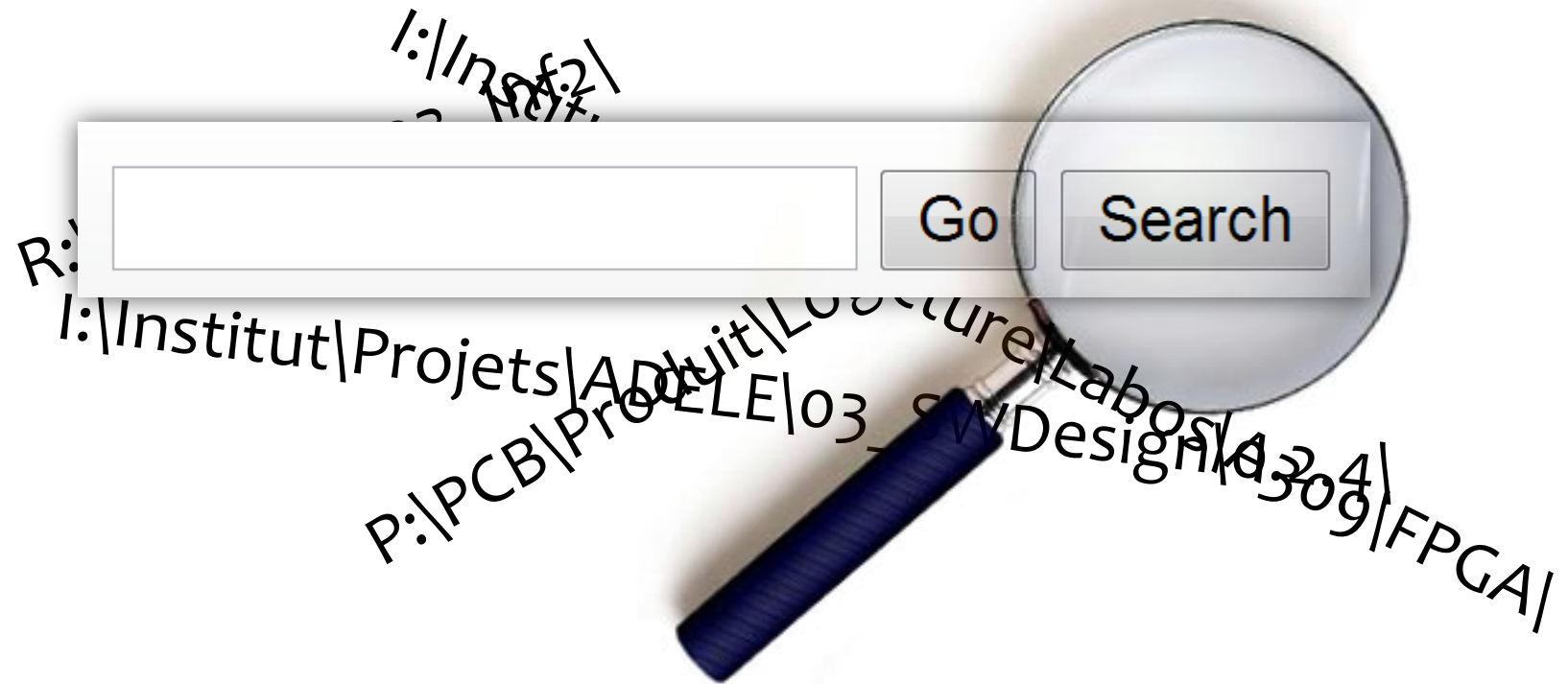
- PC setup
- Program / Toolchain setup
- Development guidelines



# 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



# Context

*UIT Wiki*

<http://wiki.hevs.ch>



## Available wikis

- IIG
- UIT
- FISl



## 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  
Metrailier 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!

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