2024 Nuvoton Workshop

HMI MPU Training

MU20 Eric

2024 / 05

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Overview

- This slide provides instructions on how to quickly build an MA35D1 image
- PC specification standard
  - CPU: Intel i5-10400
  - Memory: 16 GB DDR RAM
  - Storage: 1 TB SSD Disk (200 GB of which is empty space)
  - Operation System: Linux OS or Linux Virtual Machine (VMware provide by Nuvoton)
  - A MA35D1 Docker container

    If you used VMware provide by Nuvoton, you have already created a MA35D1 Docker container
- Software Tool
  - Programming – NuWriter

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Schedule MPU Platform

時間	課程大綱	授課內容	講師
09:30-10:20	NuMicro® MPU HMI Platform Introduction	Nuvoton MPU HMI Platform介紹	Eric
10:20-10:30	Intermission		
10:30-11:00	MA35H0 Series 環境架設	MPU 開發環境架設- buildroot	
11:00-11:50	MA35H0 Series 介紹與操作	MA35H0開發板功能介紹 NuWriter Tool 燒錄練習I	
11:50-13:20	Intermission		
13:20-14:50	NuMicro® MPU Ecosystem 介紹	MPU Ecosystem 開發介紹 新唐開發手冊，交叉編譯工具 Linux OS 環境設定介紹	
14:50-15:00	Intermission		
15:00-16:00	GUI Tool專案實作演練 I	emWin AppWizard tool 開發技巧與實作II	
16:00-16:30	GUI Tool專案實作演練 II	交叉編譯與實作練習III	
16:30-17:00	Q&A		

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Training preparation

- Notebook (minimum CPU 10th generation i5, DDR 16 GB, SSD 150 GB)
- Install development environment (VMWare Image) in their own notebooks before training.
  - VMware Player (click to download)
  - MA35D1 development environment (click to download)
    - username: user
    - password: user
- Training manual reference
  - MA35D1 Quick Start
  - emWin AppWizard

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Q&A

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WorkShop MA35 Family

- Level 2 Development Environment
  - 2024 5/23 MPU HMI Platform
  - 2024 6/12 MPU IoT Platform
    I. 新唐IoT平台規劃及選型技巧介紹
    II. MPU開發環境架設及問題排除
    III. NuMaker-IoT-MA35D0 開發板介紹實作
    IV. Nuvoton Security解決方案介紹展示
    V. IoT專案開發練習，動手實作讓您快速上手

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Thank You

Danke

Merci

ありがとう

Gracias

Kiitos

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