Aerospace & Defence | Lighting | Power Management | Internet of Things | Transportation

Components – EMEA

Engineering DACH

Microchip Security Workshop

Quang Hai Nguyen

Revision 1.0, 07.06.2019

Installation Guide

Five Years Out

Revision History

Revision, Date	Editor	Subject (major changes)
Revision 0.1, 03.06.2019	Quang Hai Nguyen	Initial
Revision 1.0, 07.06.2019	Quang Hai Nguyen	Official Release

Table of Contents

List of Abbreviations

No index entries found.

List of Figures

Introduction

This document guides you through the process of setting up the software development environments and hardware requirements for developing security solutions from Microchip.

Requirement

Hardware

- SAML11 Xplained board
- QT3 Explained board
- Secure Elements with provisioning
- Type-A to micro USB cable

Software

- Atmel Studio
- GitHub for Desktop
- TeraTerm (or any other terminal programs)

Besides, the hands-on also requires basic understanding of microcontroller and C programming language.

Installation guide

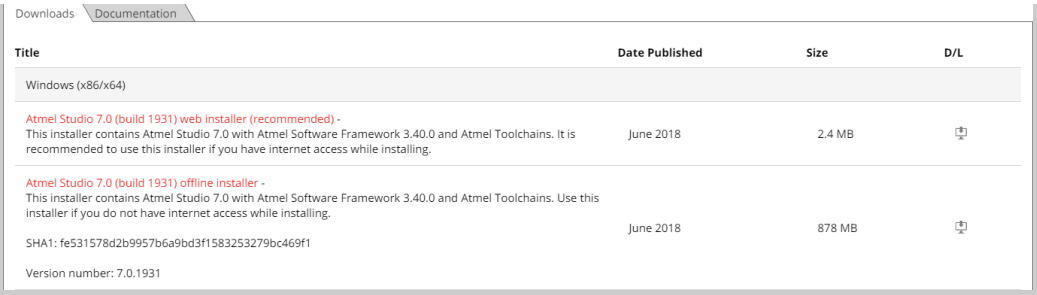
Installing Atmel Studio	
Go to	link to download Atmel Studio
Choose installation package	

Figure 1: Choosing Atmel Studio installing package

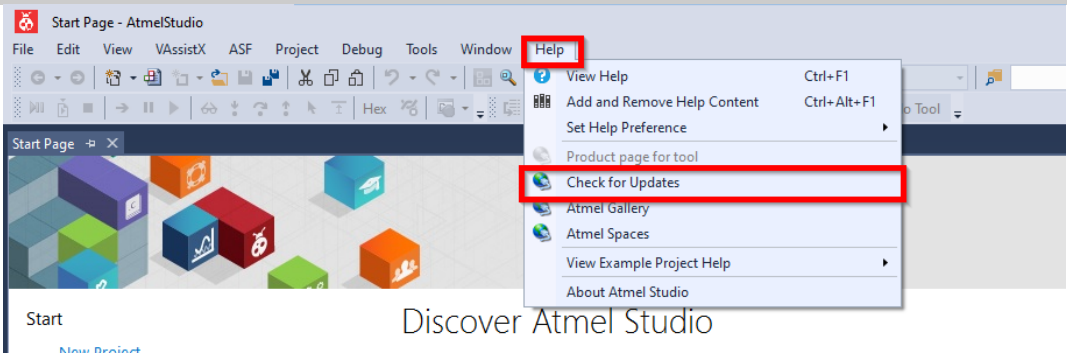
Start Atmel Studio and check for update	

Figure 2: Update Atmel Studio

Installing TeraTerm	
Go to	link to download TeraTerm
Choose installation package	

Figure 3: Choosing TeraTerm installing package

Installing Github Desktop (Optional)

Go to	link to download Github for desktop

Getting the hands-on document

This section shows you how to get the training material via GitHub for desktop. It is recommended to use GitHub to get the material since the documents will be constantly updated.

Alternatively, please go here to download the document directly: link

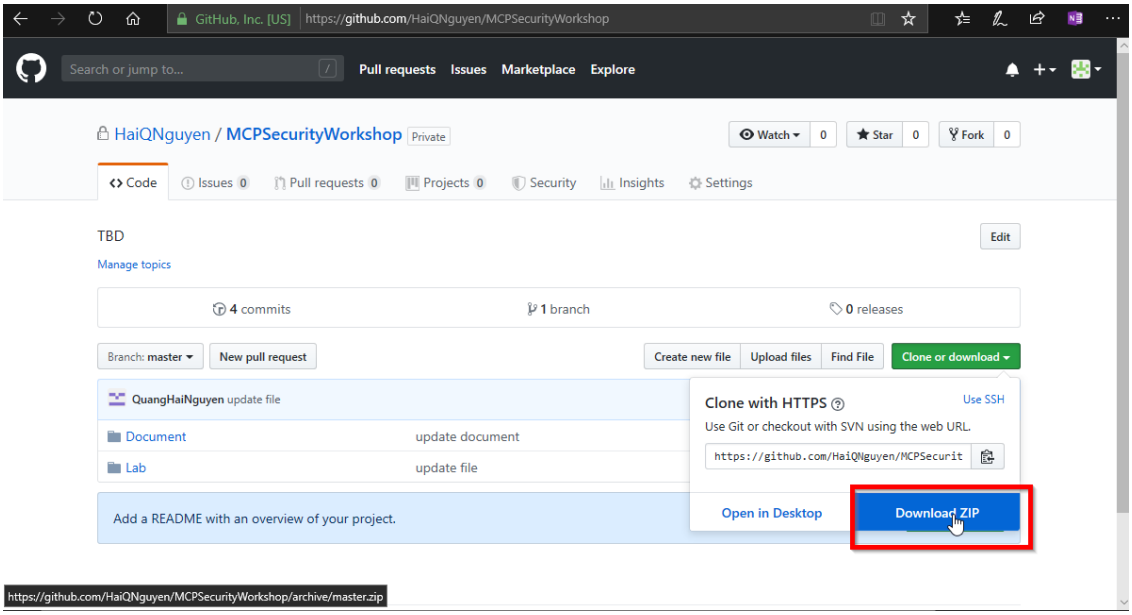


Figure 4: Getting the hands-on material

Getting documentation with GitHub desktop:

Start GitHub for desktop and choose Clone a repository from the internet

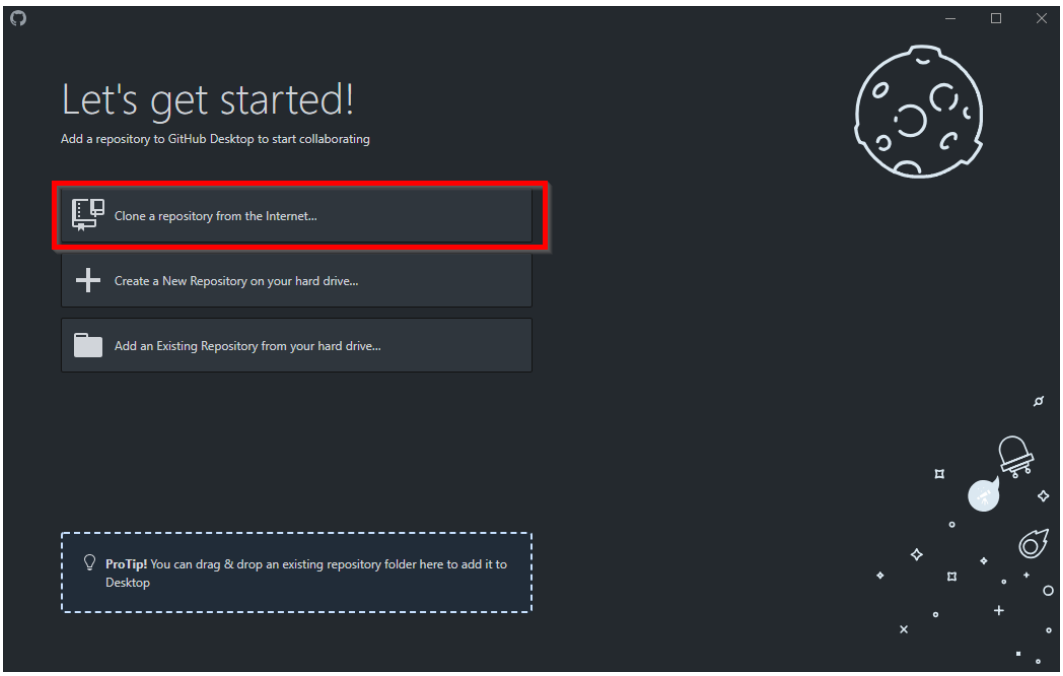
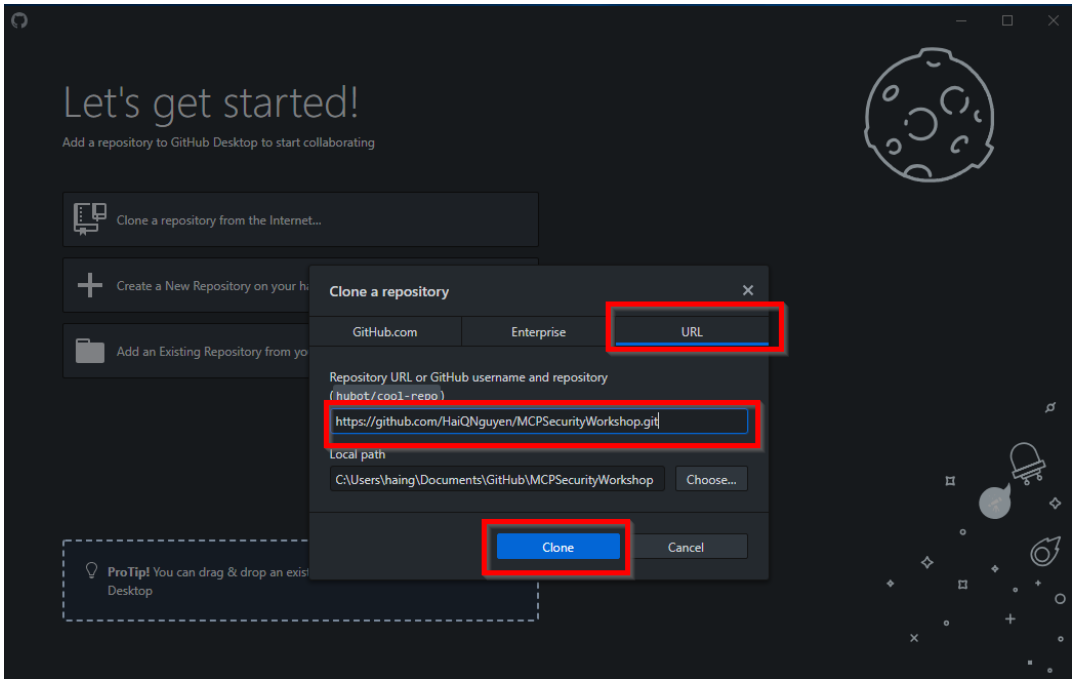


Figure 5: Clone the material to local machine

Enter the link of the repository and click clone. The repository link is:

https://github.com/HaiQNguyen/MCPSecurityWorkshop.git



Before working with the material, it is worth to check if there is any update. In GitHub for desktop, press the button Fetch origin.

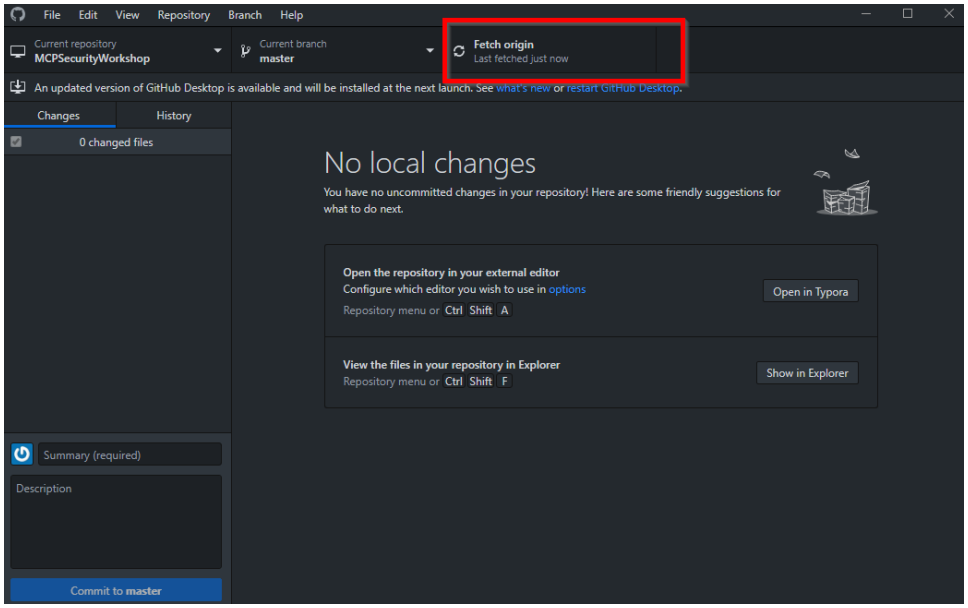
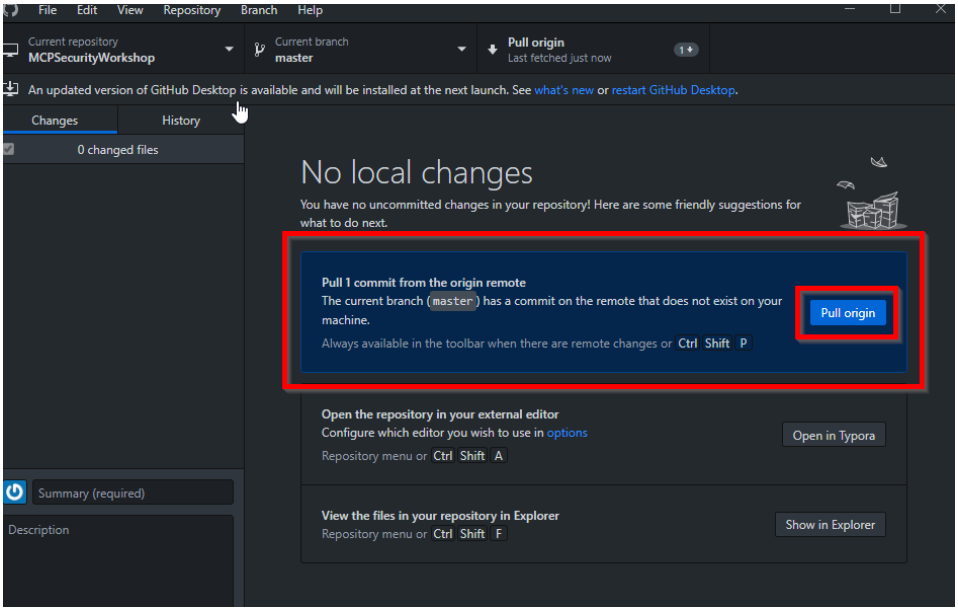


Figure 6: Update the material

If there is new update, click Pull origin



Congratulation! You are ready for the hands-on section!

Contact information

Janus Piwek
Dipl.-Ing. (FH)

Market Development Engineer - Microchip
Arrow Central Europe GmbH

email: jpiwek@arroweurope.com

THE END