KDAB

tQCS We Make MACHINE More HUMAN. QBC SDK®

tQCS-KDAB

Workshop Agenda for KSOE

Version 1.0

tQCS – KDAB | 11 - 14 October 2022 www.tQCS.io CONFIDENTIAL

+QCS ① WORKSHOP AGENDA

Input: Less Technical | All Hands | Info: More Technical

	화요일 TUE	수요일 WED	목요일 THU	금요일 FRI
Morning & Noon	**Welcome** **Introduction** to Qt Rust / Slint Flutter	**Advanced** Qt Rust / Slint Flutter	**Identifying Needs** and Work Items **for the Modernization**	**Comparison** of the 3 GUI Frameworks **for KSOE GIS**
Afternoon	**Embedded** GUI Development **Other Existing** GIS Applications	Reviewing the **Existing KSOE GIS Application** (Panel & Web)	**Presenting and Comparing** the POC Implementation PC & Embedded	**HighLevel Plan** for new GIS, NextSteps KSOE **Decision**

Main Instructor : Christoph Sterz | Assistant Instructor : Hyunse Oh

+QCS ① WORKSHOP AGENDA

Tuesday, 11 October 2022 – Intro to Qt, Flutter and Slint I

- Introduction on GUI frameworks of Qt, Flutter and Slint, including key features, technical and design characteristics, cross-platform supports with code-reusability
- Embedded GUI Development of Qt, Flutter and Slint, including compilation on a sample embedded linux board. This session will also discuss the GIS hardware from KSOE with regards to performance and easy of cross-platform development.

Wednesday, 12 October 2022 – Intro to Qt, Flutter and Slint II / Review the existing GIS application I

- (Technical) Advanced introduction on GUI frameworks of Qt, Flutter and Slint, including rendering and OpenGL/ES, WebGL. Other advanced feature may be introduced related to GIS applications for KSOE.
- Review on KSOE GIS Application. This session is to share the key requirements of the GIS application with a demonstration on desktop platform. Some technical details and specifications may be discussed for tQCS-KDAB to fully understand the requirement.

Thursday, 13 October 2022 – Review the existing GIS application II (using POC applications)

- Review of KSOE GIS Application with a requirement analysis.
- (Technical) Systematic requirement comparison of GIS Application using sample POC applications. For this session, we'll look at the requirement with POC application on both moving from WebApp/Chromium to modern GUI framework, covering technical characteristics and requirements on design and features, hardware with performance guidelines, development environment, and other custom requirements.

Friday, 14 October 2022 – Comparison of Qt, Flutter and Slint / High-Level Strategy for new GIS Applications

- (Technical) Comparison of Qt, Flutter and Slint with learning curve, training needs, technical environment, maintainability, GIS information handling, etc.
- High_level Developemnt Strategy including the recommendation of a GUI framework most suitable for KSOE. Discuss work items, steps, and pre-requisite/preparations by tQCS-KDAB and KSOE

AKDAB tQCS
We Make MACHINE More HUMAN. QBC SDK®

Please let us know what HMI you are looking for.

HMI Us.

info@tqcs.io | info@tescc.io

We make MACHINE more HUMAN.

HMI for Industrial Embedded.