Introduction

Material available on website

Material available on the forum

Getting to the WICED website

@askiotexpert

alan\_hawse@cypress.com

All of the solutions are available on the forum

Describe the kit … builds a device all the way to Amazon.com

Tour of WICED Studio

Project explorer

Apps

Build

Documentation

WICED website

Open with system editor

Include

Libraries

Resources

Console

Make targets

Help

Running snips

Each board is a platform

Make a make target

Snip.scan

Snip.graphics.uguitest

The platform directory

schematics

Platform.h & platform.c

Creating new projects

GPIOs 2,4,5

The documentation

02.02 Blink LED

Go to declaration

02.04 read state of button

interrupt

Debug UART 3

Enumerates on your PC as two things

Using putty to connect

WICED\_APP\_INFO(( just like printf.. done mess up the two parenthesis

Print some stuff out

UART 10,11

PWM 9

I2C 6,7

RTOS Introduction to WICED RTOS

WICED Threads - 1

WICED Semaphores - 2

WICED Mutex - 3

WICED Queue - 4

WICED Timer - 5

Library – show the graphics

WIFI

Tcp/ip networking stack

Wifi basics

WICED\_RESULT\_T

Connect to a WPA2 Network 1 & 2

Setup DCT global or local

Print network information 3

Mac

dns

DCT – modifying the DCT example 4

Sockets

How the client/server works

WWEP protocol

Making a client

Making a server

Another day-------

Cloud protocols

Cloud - Amazon.com MQTT