iDigi® Integration Kit

Getting Started Guide

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Getting Started Procedure

1.1 Introduction

The iDigi® Integration Kit is a platform independent ANSI C software development kit used to add iDigi® Device Cloud™ connectivity to any networked embedded device.
Integrating the iDigi Integration Kit into your embedded device includes three major steps: Compilation, Porting, and Application Extensions.

- **Compilation** includes adding the kit to your development environment.

- **Porting** includes adding the necessary application updates that connect key elements of your development environment (i.e., networking, memory allocation and time, configuration) to the iDigi Integration Kit. The Porting step also includes running the iDigi Integration Kit in your environment and confirming that your device connects to the iDigi Device Cloud.

- **Application Extensions (**the final step), includes taking elements from the various kit samples and combining these into your application to meet your project's requirements.

1.2 The Private Folder

The kit is structured to insulate the ./private folder from public usage.

It is forbidden to modify, reference, debug or step through any code in this ./private tree. Additionally, with the exception of the public API, defined in the public header (see the iDigi Integration Kit User Guide), no direct function calls should be made to any function in this ./private tree.

1.3 Getting Started

Assuming an implementer familiar with a given platform and environment, we expect the Compilation and Porting steps to take roughly 12 hours, including both software development time and time for reading the iDigi Integration Kit User Guide.

To get started:

1. Open the iDigi Integration Kit User Guide.
2. Read the Overview section.
3. Follow the steps in the Getting Started Procedure.

The iDigi Integration Kit User Guide can be found here: ***.\docs\user_guide.html***

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