Intel Cloud Integrity Technology 3.0

**HTML5**

# Background

The KMS uses Jetty9 to serve static HTML5 content and JAX-RS APIs.

# Architecture

## Splash Screen

The root path to the application retrieves a “splash screen” that displays the Intel logo and then redirects the browser to the main page of the application.

The splash screen’s style should be consistent with the application style and it can contain some elements of the application main page for continuity.

The files for the splash screen are stored under packages/kms-zip/src/main/application/features/html5.

## Main Application

The kms-html5 project contains the static HTML5 resources for the main application. Other features are loaded and inserted from this code. The files are under kms-html5/src/main/resources/publicResources.

## UI Plugins

Any .jar file can add static HTML5 content to the UI by placing it under a “publicResources” folder. In the source tree this would be under the project’s src/main/resources/publicResources. A JAX-RS class provides read access to all files under “publicResources” in the classpath.

## Resource Loader

A resource loader javascript class in the UI is in charge of loading HTML, CSS, and JS files, ensuring that each file is loaded only once, and ensuring that a Javascript snippet that declares a dependency on external Javascript files is not run until all those files have been loaded.