

Developer Suite 3.6

Configuration for Sample Card

The cards provided in Developer Enterprise Kit 3.6 are supporting both the Standardized Smart Card Web Server (SCWS) and the Near Field Communication (NFC) Technologies. This document detailed how to configure the Developer Suite 3.6 for these specific cards.

Following the steps described below, we will configure:

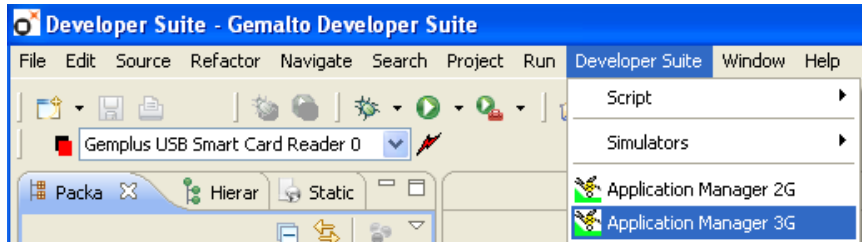
- Export file
- Application Manager 3G
- Static Content Explorer
- Mapping of URLs to Servlets

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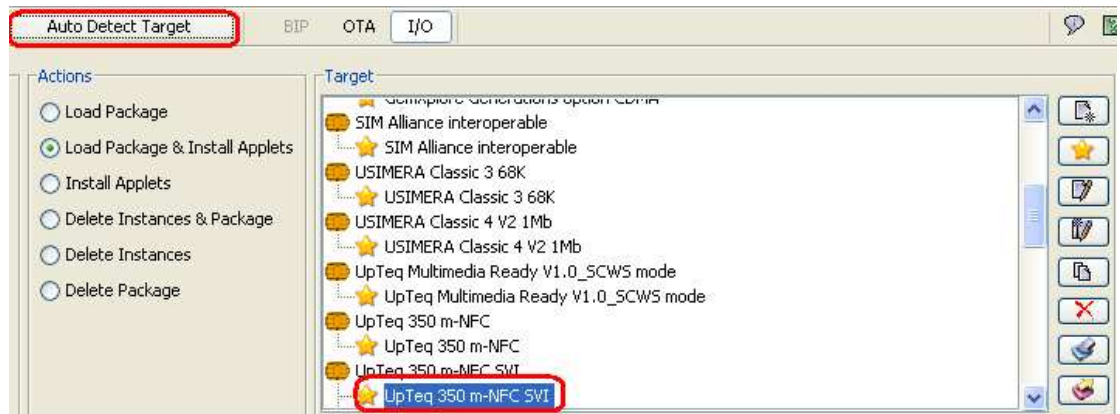
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Sample Card Identification

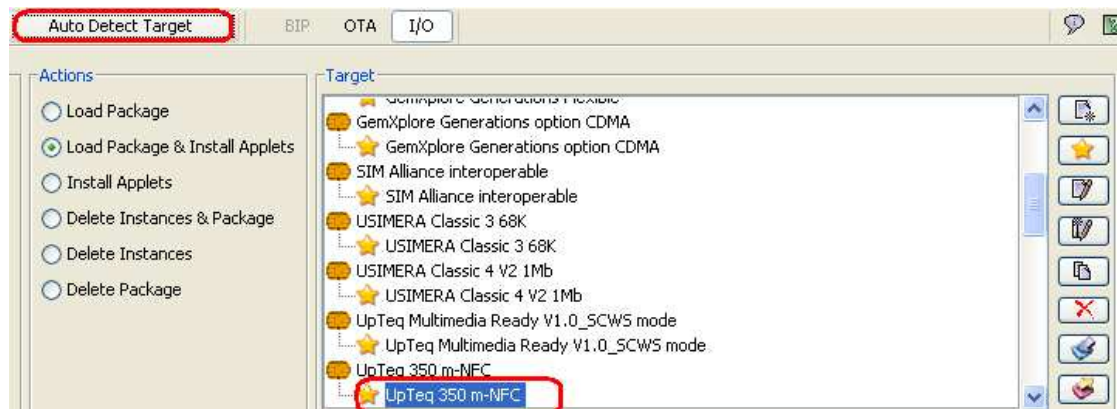
1. Start Application Manager 3G.



2. Insert the sample card into card reader and click “Auto Detect Target”.
 - a. If the Target selected is “Upteq 350 m-NFC SVI”, refer to section “Configuration for Upteq 350 m-NFC SVI”.



- b. If the Target selected is “Upteq 350 m-NFC”, refer to section “Configuration for Upteq 350 m-NFC”.



Export File

Usage

Export file is used during project compilation.

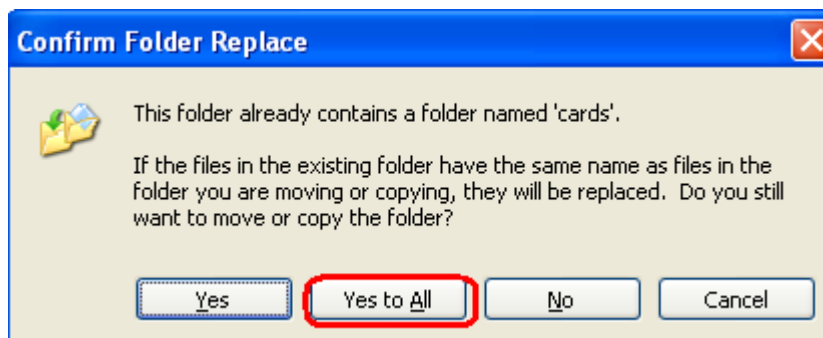
Configuration for Upteq 350 m-NFC SVI

Needed Configuration Files

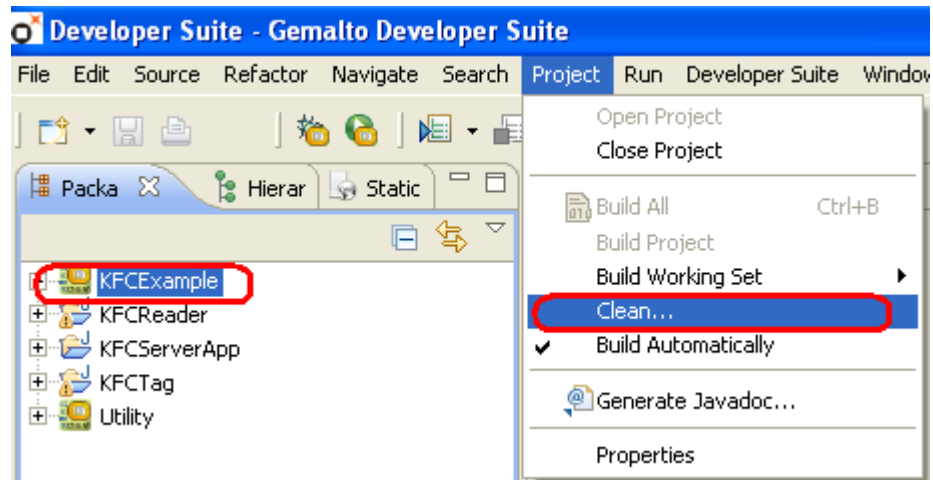
- Upteq 350 m-NFC SVI.zip

How to proceed?

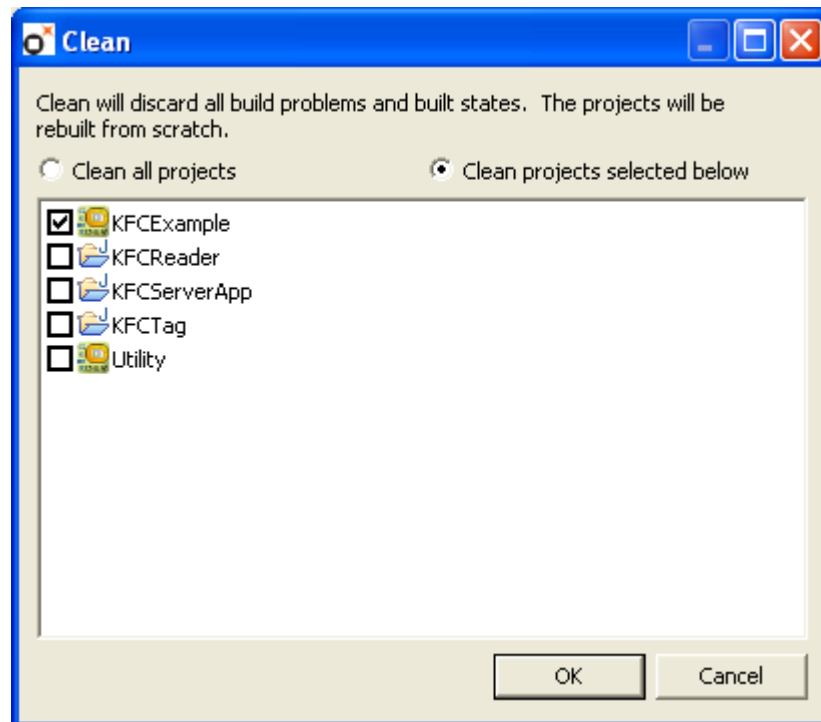
1. In Windows Explorer, right click the Upteq 350 m-NFC SVI.zip and select “Extract to here”.
2. Copy the unzipped cards folder to Developer Suite installation folder (default Developer Suite installation folder is C:/Program Files/Gemalto/DeveloperSuite). Select “Yes to All” in the “Confirm Folder Replace” window.



3. For existing java card project, you will need to clean up and re-build the project. Follow the steps below.
 - a. Select the Javacard project, for example here is “KFCEXample”
 - b. Go to Project menu > Clean...



c. Select "OK" button to start clean and build process will start automatically.



Configuration for Upteq 350 m-NFC

Needed Configuration Files

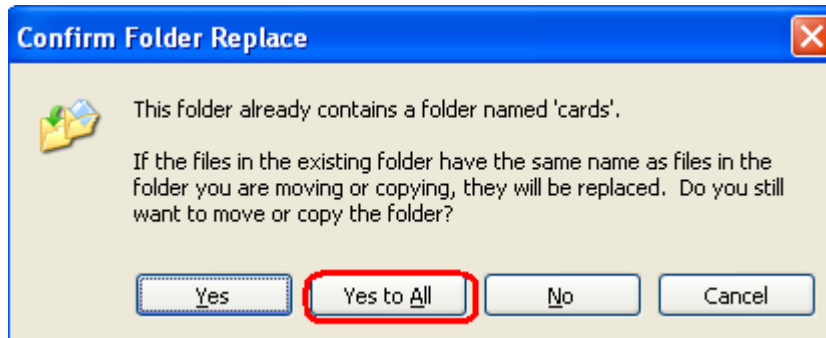
- Upteq 350 m-NFC.zip

How to proceed?

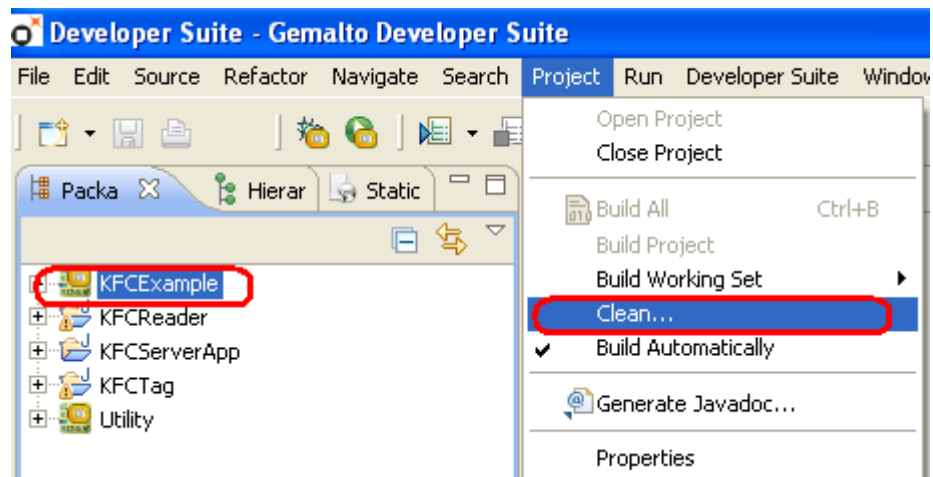
4. In Windows Explorer, right click the Upteq 350 m-NFC.zip and select "Extract to here".

Developer Suite 3.6 – Configuration for Sample Card

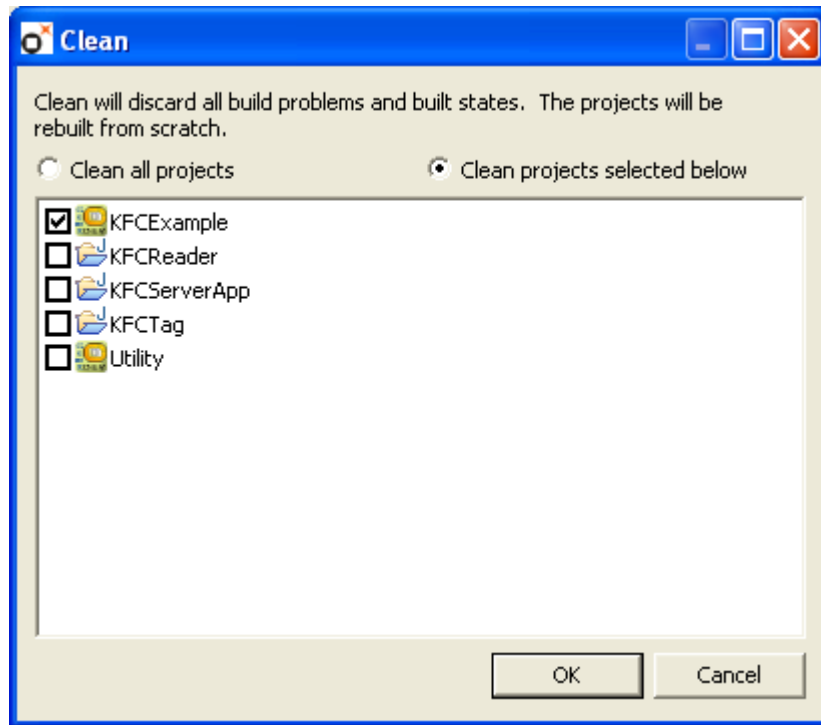
5. Copy the unzipped cards folder to Developer Suite installation folder (default Developer Suite installation folder is C:/Program Files/Gemalto/DeveloperSuite). Select “Yes to All” in the “Confirm Folder Replace” window.



6. For existing java card project, you will need to clean up and re-build the project. Follow the steps below.
 - a. Select the Javacard project, for example here is “KFCExample”
 - b. Go to Project menu > Clean...



- c. Select “OK” button to start clean and build process will start automatically.



Application Manager 3G

Usage

Application Managers are used to Load /Install /Delete Packages /Applets /Servlets /Libraries.

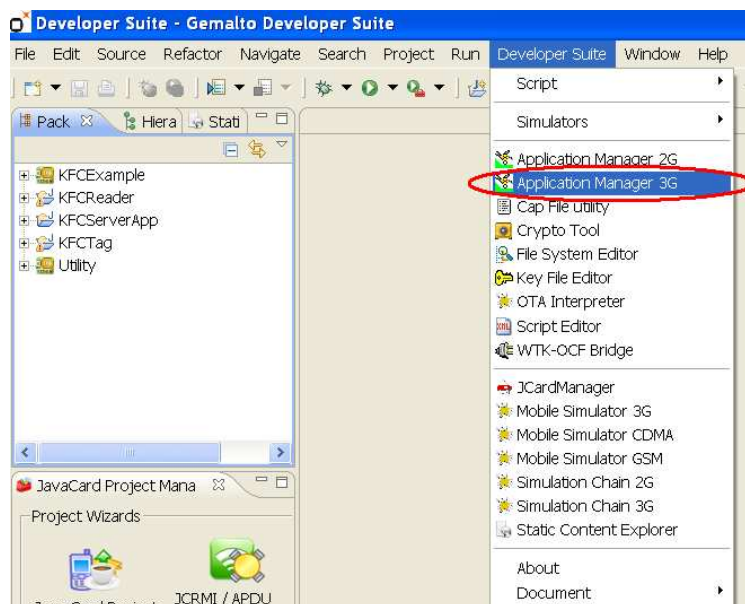
Configuration for Upteq 350 m-NFC SVI

Needed Configuration Files

- None.

How to proceed?

1. Launch the Application Manager 3G



2. In Application Manager 3G, under Target list, always use the UpTeq 350 m-NFC default card profile.

Configuration for Upteq 350 m-NFC

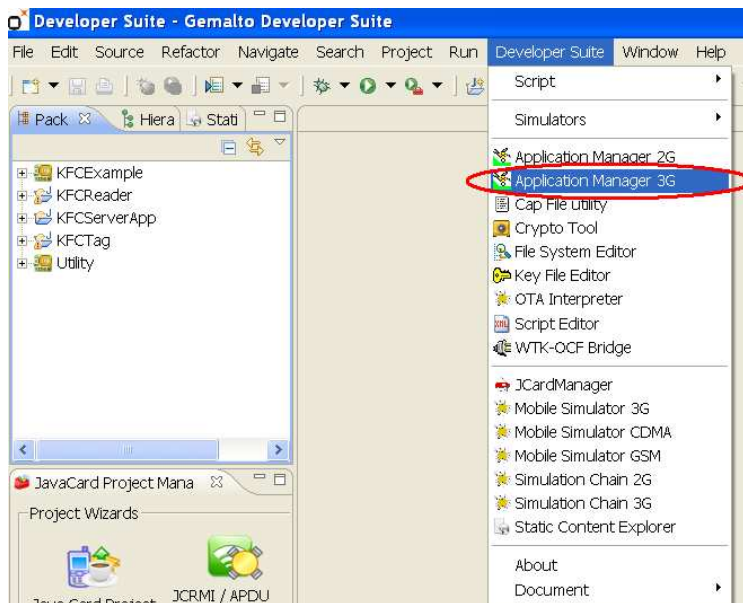
Developer Suite 3.6

Needed Configuration Files

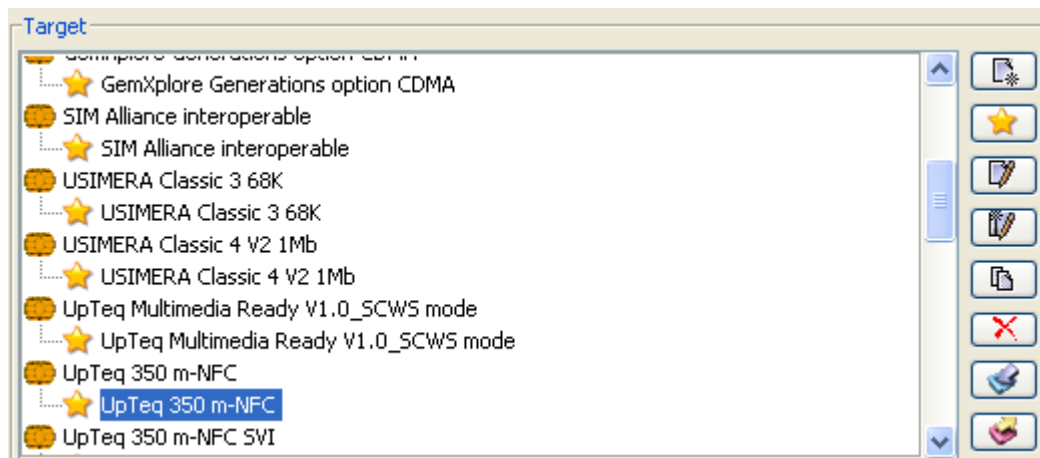
- None.

How to proceed?

1. Launch the Application Manager 3G



2. In Application Manager 3G, under Target list, always use the UpTeq 350 m-NFC default card profile.



Static Content Explorer

Usage

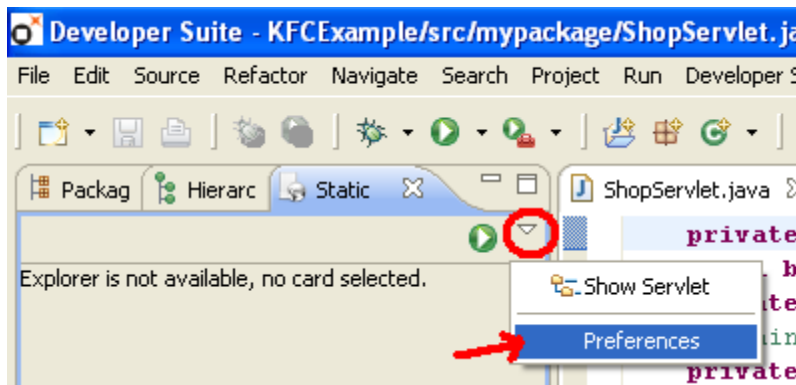
The Static Content Explorer is used to Load/Delete Static Content (HTML pages, images, CSS Files, etc.) and map Servlets to URLs.

Needed Configuration Files

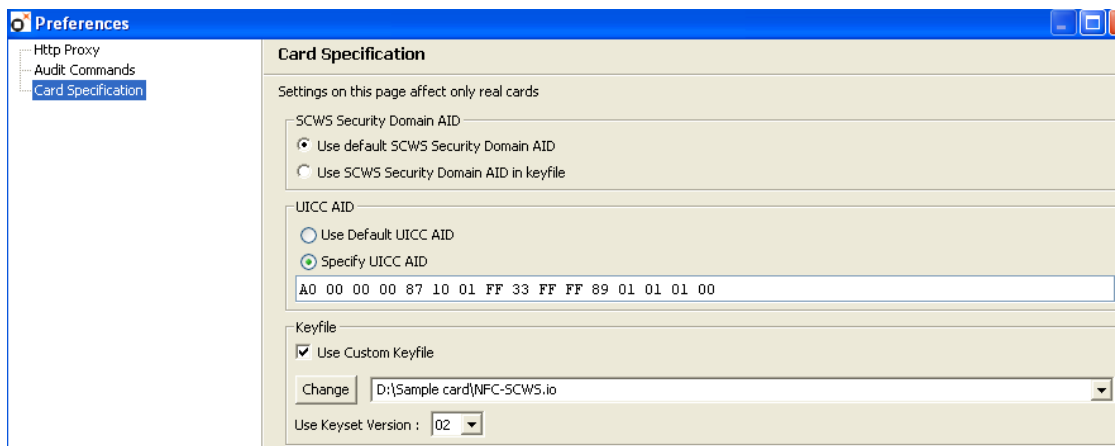
- NFC-SCWS.io

How to proceed?

1. Open the Static Content Explorer
2. Go to the Preferences dialog.



3. In Preferences dialog box, switch to Card Specification section and configure it as follows:



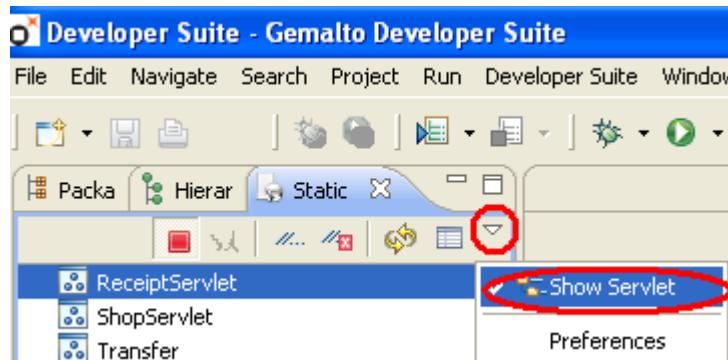
The Specific AID is A0 00 00 00 87 10 01 FF 33 FF FF 89 01 01 01 00

4. Click Apply and OK.

Servlets – URL Mapping

How to proceed?

1. Open the Static Content Explorer and configure Preferences dialog based on the steps in Static Content Explorer section.
2. To browse the sevlets in sample card, click Show Servlet.



To be able to test this feature, you should have servlet loaded into the sample card.

You may take KFC example as a reference, which is provided at <http://developer.gemalto.com/home/dev-tools/developer-suite/examples/kfc-example.html>