OPC UA C++ Toolkit for VxWorks Getting Started

Instructions to install and build sample applications

1) **Installation on Windows:**
   Invoke Setup InstallOpcUaCppToolkitVxWorks5.57.0.exe and follow instructions.

   **Installation on Linux:**
   Execute the shell script InstallOpcUaCppToolkitVxWorks5.57.0.sh on the machine you plan to use OPC UA C++ Toolkit. The directory where the OPC UA C++ Toolkit shall be installed is further on referenced as `<install_dir>`
   The install script supports following options:

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
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<tbody>
<tr>
<td><code>-d installdir</code></td>
<td>Directory where the toolkit will be installed. If not provided, directory has to be specified interactive.</td>
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<tr>
<td><code>-f</code></td>
<td>Force overwriting existing installation directory without asking</td>
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<tr>
<td><code>-p productkey</code></td>
<td>Product key to install source code (use &quot;demo&quot; for binaries only).</td>
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<tr>
<td>`-m [i386</td>
<td>x86_64]`</td>
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2) **Now create a demo store for the certificates used by the samples and test applications:**
   cd `<install_dir>/VxWorks/Source/PKI`
   create_demo_store.bat
   respective, for Linux:
   bash create_demo_store.sh

3) **To build the samples or test applications the appropriate Wind River Workbench needs to be used.**
   The `<install_dir>/VxWorks/Source/Workspace_x workspace will be used.**
   For VxWorks 6.9:
   - Import the desired project files.
   
   For VxWorks 7 all projects must be based on a VSB, so you have to build your VSB project. Batches and shell scripts are prepared to add the desired projects to your workspace.

4) **The documentation is deployed in HTML format and can be found under:**
   `<install_dir>/VxWorks/Source/Doc`

5) **If source code product key was provided, please have a look at help in “Introduction to the Toolkit” – “Source Code License” and sub-folder “VxWorks” how to compile toolkit sources:**