Author:
Thomas W. Heck, Sr. Design Engineer
Janus Remote Communications

400AP Application Note
Atmel SAM-BA Installation for
Janus 400AP Products

Overview:

This document describes the steps required to install Atmel's SAM-BA application for use with Janus 400AP products. Atmel's SAM-BA application facilitates the upload of firmware images into 400AP. Windows and Linux installations are covered in this application note.

Windows Install:

The following instructions are not based on a specific release of Windows.

Step 1. **Browse to the Janus-RC website and download the archive containing, SAM-BA installer and Janus support files.**

> *http://www.janus-rc.com/Documentation/sam-ba_2.11_win_janus_04302014.zip*

Step 2. **Extract zip archive to a temporary directory on your PC.**

> **Example:**
>
> *C:\temp\sam-ba_2.11_win_janus_04302014*
>
> > sam-ba_2.11.exe
> >
> > tcl_lib.zip

Step 3. **Install SAM-BA by executing sam-ba_2.11.exe.**

> **Follow all setup promptings within the installer.**
>
> *Note:* *Application documentation is placed into the installation directory during the installation process. Please refer to this documentation if you experience any installation issues.*

Step 4. **After SAM-BA installation is complete you will need to extract Janus support files into the tcl_libs directory. The following instruction assumes that the SAM-BA default installation directory was not altered during installation.**

> Janus Support Files are contained in the following archive:
>
> > tcl_lib.zip
>
> Extract this archive into the following directory.
>
> > C:\Program Files\ATMEL Corporation\sam-ba_2.11\tcl_lib

Linux Install:

The following instructions are not based on a specific distribution of Linux. The instructions require you to be a normal Linux user (not root).

All files will be placed in your user home directory (~/).

Step 1. **Browse to the Janus-RC website and download the archive containing the SAM-BA application with included Janus support files.**

> *http://www.janus-rc.com/Documentation/sam-ba_2.11_linux_janus_04302014.tar.bz2*

Step 2. **Change directory to your user home directory.**

> cd ~/

Step 3. **Extract archive into your user home directory.**

> tar -xjvf sam-ba_2.11_linux_janus_04302014.tar.bz2

JANUS REMOTE
COMMUNICATIONS