

Using Paradigm Tools with Windows 7

December 6, 2012

The following information is provided for developers that are trying to use Paradigm's C/C++ development tools on a Windows 7 machine. Thanks to the folks at Paradigm for compiling the following information and for providing the necessary patches and updates.

From Paradigm Support:

You will need to install the hot fixes in order to get this to work so get current files from our web site:

<http://www.devtools.com/sp/prosp6.zip>
<http://www.devtools.com/sp/sp6hotfix9.exe>
<http://www.devtools.com/downloads/pasm.zip>

You can install SP6 but it won't work without updates in the hot fixes.

Here is the latest info on the USB key drivers. We have used Paradigm C++ on both 32- and 64-bit machines and normally don't have any problems but old drivers have been a problem with some users. We have had reports of customers having an initial problem so here are the links our customers have been using to install the latest drivers:

This is what we have been recommending and it has worked for those with problems similar to yours.

[ftp://ftp.aladdin.com/pub/hasp/srm/Runtime %28Drivers%29/HASP SRM Runtime set up.zip](ftp://ftp.aladdin.com/pub/hasp/srm/Runtime%20Drivers%29/HASP%20SRM%20Runtime%20Setup.zip)

I checked the Aladdin web site and they have updated their drivers again so you might check this link:

[ftp://ftp.aladdin.com/pub/hasp/Sentinel HASP/Runtime %28Drivers%29/Sentinel H ASP Run-time cmd line.zip](ftp://ftp.aladdin.com/pub/hasp/Sentinel%20HASP/Runtime%20Drivers%29/Sentinel%20HASP%20Run-time%20cmd%20line.zip)

We have installed the command line files on a clean Windows 7 x64 install and did not have any problems. I had left the key out of the USB socket until the installer was finished. I also ran with the -remove option and it showed no drivers installed. Putting the USB key back in caused the drivers to be installed automatically and the LED lit up.

Finally, on 64-bit OSs you must use the link to the newer version of PASM, the version included in the install image will not work on a 64-bit OS.

Using FS-2 JTAG Debugger with Windows 7

The FS-2 JTAG debugger interface for the Turbo-186 core that is used in the DSTni-EX and DSTni-LX processor is developed and sold by MIPS.

The unit is still available for sale but ongoing development has stopped due to the low volume of sales.

The Windows XP driver is reported to work on Windows 7. This has not been verified here. Microsoft offers compatibility software to enable Windows XP software to run on Windows 7. This may be required to support the USB driver.

Update: August 30, 2013

Regarding 64-bit support:

The Paradigm tools run fine on 64-bit machines. An updated driver is required to use the FS-2 JTAG debugger, now called **MIPS System Navigator Probe for Turbo 186 Cores**. The updated driver (version 3.0.0 Build 0) can be obtained from the MIPS (now owned by Imagination Technologies) website:

<http://www.imgtec.com/mips/mips-legacy-turbo186.asp#NavICSDownload>