

CSA - Files & File Locations

File / Resource	Version	OS	URL	Directory	Notes
7zip	16.04	Windows	http://www.7-zip.org	utilities	
CTRE Toolsuite	4.4.1.14	Windows MacOS Linux	http://www.ctr-electronics.com/control-system/hro.html#product_tabs_technical_resources	programming	https://twitter.com/CTR_Electronics Install only AFTER wpilib is confirmed installed. This are added to the wpilib directory.
CTRE Toolsuite Installation Guide		All	http://www.ctr-electronics.com/downloads/pdf/CTRE%20Toolsuite%20Installation%20Guide.pdf	reference	
CTRE Java API		All	http://www.ctr-electronics.com/downloads/api/java/html/index.html	reference	
CTRE C++ API		All	http://www.ctr-electronics.com/downloads/api/cpp/html/index.html	reference	
PDP firmware	1.40	N/A	http://www.ctr-electronics.com/control-system/pdp.html#product_tabs_technical_resources	firmware	

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Talon SRX firmware	2.34	N/A	http://www.ctr-electronics.com/control-system/talon-srx.html#product_tabs_technical_resources	firmware	
Talon SRX User's Guide	2017-02-03	All	http://www.ctr-electronics.com/Talon%20SRX%20User's%20Guide.pdf	reference	
Talon SRX Software Reference Manual	2017-02-26	All	http://www.ctr-electronics.com/downloads/pdf/Talon%20SRX%20Software%20Reference%20Manual.pdf	reference	
Talon SRX Motion Profile Reference Manual	2016-01-09	All	https://www.ctr-electronics.com/downloads/pdf/Talon%20SRX%20Motion%20Profile%20Reference%20Manual.pdf	reference	
Victor SP & Talon SRC Info Sheet	2014-08-19	All	http://www.ctr-electronics.com/downloads/pdf/Victor-SP-Talon-SRX-Info-Sheet.pdf	reference	

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Magnetic Encoder User's Guide		All	http://www.ctr-electronics.com/downloads/pdf/Magnetic%20Encoder%20User's%20Guide.pdf	reference	
Motor Controller Output Testing		All	http://www.ctr-electronics.com/downloads/pdf/Motor-Controller-Power-Testing.pdf	reference	
CTRE - Code Usage Examples		All	https://github.com/CrossTheRoadElec	Download from GitHub	
VRM User's Guide	2016-01-17	All	http://www.ctr-electronics.com/VRM%20User's%20Guide.pdf	reference	
PCM firmware	1.65	N/A	http://www.ctr-electronics.com/downloads/firm/PCM-Application-1.65-FRC.zip	firmware	
PCM User's Guide	2016-01-24	All	http://www.ctr-electronics.com/PCM%20User's%20Guide.pdf	reference	
Eclipse Java	Oxygen	MacOS Windows Linux	http://www.eclipse.org/downloads/eclipse-packages/	programming	

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Eclipse C++	Oxygen	MacOS Windows Linux	http://www.eclipse.org/downloads/eclipse-packages/	programming	
WPI - FRC Toolchains	2018 Beta	MacOS Windows	http://first.wpi.edu/FRC/roborio/toolchains/	programming	
WPI - FRC Toolchains	2018 Beta	Linux	https://launchpad.net/~wpilib/+archive/ubuntu/toolchain-beta/	Read instructions in URL	
WPILib - Eclipse Plugins	2017-02-17	All	http://first.wpi.edu/FRC/roborio/release/eclipse/	programming	<code>wget -r http://first.wpi.edu/FRC</code>
Java JDK	8u152	MacOS Windows Linux	http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html	programming	You need to accept Oracle License prior to downloading
NI FRCUpdate Suite	2017.2.0	Windows	http://www.ni.com/download/first-robotics-software-2015/5112/en/	driver	Need to have NI serial number handy for new install. Take photo of your teams serial #. For updates, you do not need to enter serial # when it asks.

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Java SE Embedded	8u151 - ARMv7 Linux - VFP, SoftFP ABI, Little Endian	RoboRio Linux	http://www.oracle.com/technetwork/java/embedded/embedded-se/downloads/javase-embedded-downloads-2209751.html	firmware	You need to accept Oracle License prior to downloading. RoboRio java install tool will download this and install it for you. This is for offline use only.
Radio Config Utility	17.3	Windows	https://usfirst.collab.net/sf/frs/download.do?listReleases/projects.wpilib/frs.frc_radio_configuration_utility	driver	IL version is for Israel only
GRIP	1.5.2	MacOS Windows Linux	https://github.com/WPIRoboticsProjects/GRIP/releases	programming	
iTunes	12.7	Windows	https://www.apple.com/itunes/download	driver	
Xbox 360 Controller Driver	1.2	Windows	https://www.microsoft.com/accessories/en-gb/d/xbox-360-controller-for-windows	driver	
NavX Library	2017-01-07	MacOS Windows Linux	http://www.pdocs.kauailabs.com/navx-mxp/software/roborio-libraries/	programming	Install only AFTER wpilib is confirmed installed. This are added to the wpilib directory.

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raspbian OS	2017-09-07	Linux	https:// www.raspberrypi.org/ downloads/ raspbian/	os	OS images for Raspberry Pi
RMPrepUSB	2.1.736	Windows	http:// www.rmprepusb.com/ documents/ rmprepusb- beta-versions	utilities	Be careful downloading from this site, there's a LOT of advertising trying to fool you. Look for file list about a 1/4 way down.
JetPack for Tegra	3.1	Windows	https:// developer.nvidia.com/ embedded/dlc/ jetpack-l4t-3_1	os	Need to have Nvidia Developer account and accept license.