



## SDK

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### Software development kit for Cohda MKx family

The MKx SDK is a self-contained virtual machine that allows anyone with previous embedded Linux experience to quickly compile and run V2X applications on the MKx family.

It includes source code for several example applications to demonstrate the various APIs and quickly bootstrap application development.

Over and above these applications, the SDK includes all software (mostly source and a few binaries) necessary to modify and rebuild the MKx firmware to your own specifications, e.g. Adding kernel features and drivers or developing proprietary V2X alert applications.

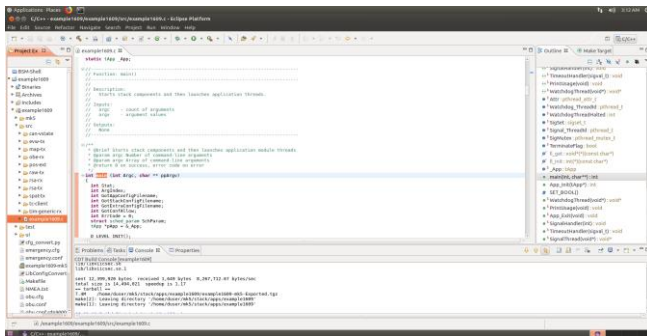
# SDK for Cohda MKx family

## Applications

- Develop V2X Application Layer Software for the MKx Family
- Example ETSI, multi-threaded customizable application source code supporting the ETSI, ISO & C2C-CC standards.
- Example 1609, multi-threaded customizable application source code supporting the IEEE 1609.x & SAE standards.
- Complete tool chain, necessary to create custom Linux configuration for the MKx family.

## Tools

- Concise and complete API documentation
- Eclipse Intergrated Development Environment, with pre-configured projects
- Wireshark, with Cohda custom decoder, for easy packet level debug and analysis
- vsim, a comprehensive drive visualisation, simulation, and playback tool
- Emulated DSRC communication between multiple virtual machines over Ethernet (not MK5 hardware dependant).



Please contact Cohda Wireless for training

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