

Dynamic Software Tools Generation for New Processors

The technology is a software solution that aids in the development and testing of embedded software systems used on devices like mobile phones, routers, and others. At present, the solution is a series of tools that includes the modeling of processors, and the remaining system components (keyboard, LCD, USB, etc). It also includes verification tools to generate test cases.

Salient Features

The software is unique in that it uses a model driven development (MDD) approach to model hardware so that the actual functionality does not need to be fully known. This allows embedded software developers to write applications for the hardware device before the hardware is operational or in cases where technology is new and confidential, and the hardware provider will not provide the specifications.

Major Application / End Users

Industries in mobile phones, routers and other semi conductor devices