

Open Source Dependency Injection Framework for LabVIEW

GDevCon ANZ 2023

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ViPER is an OO Framework that allows you to build systems that Implement Dependency Injection. ViPER based systems assemble themselves at runtime from a collection of pre-built and pre-verified components.

Why create ViPER?

ViPER was developed to minimize the effort spent on software verification & validation activities for systems used in mission critical applications or in regulated environments such as medical device manufacturing.



Previous Presentations

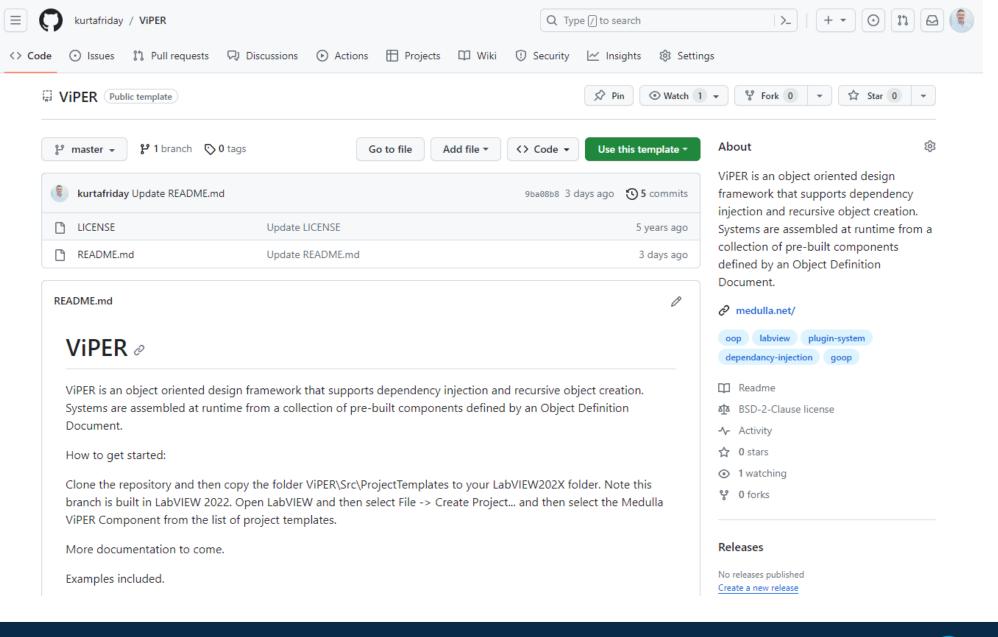
GLA 2021: Bengineer builds a test system in ViPER

https://labviewwiki.org/wiki/GLA Summit 2021/Open Source ViPER

GLA 2020: Introducing ViPER

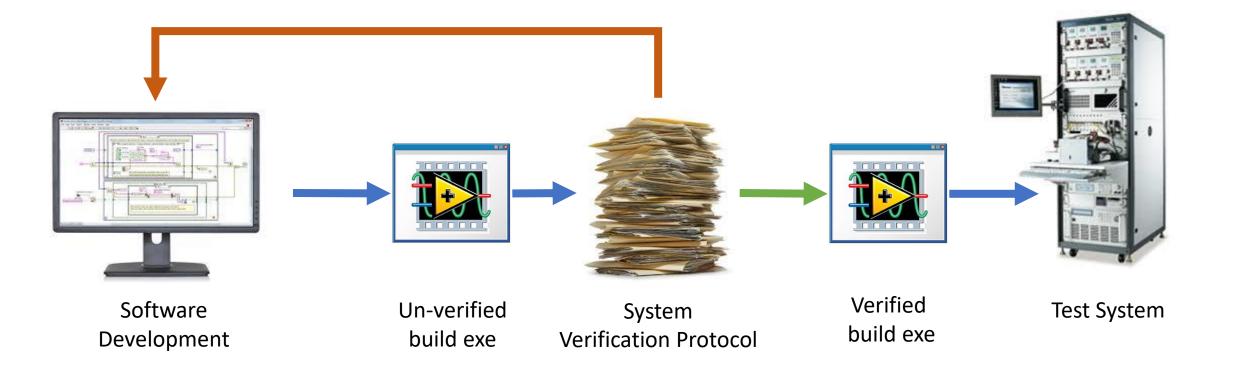
https://labviewwiki.org/wiki/GLA Summit 2020/ViPER - A LabVIEW Dependency Injection Framework





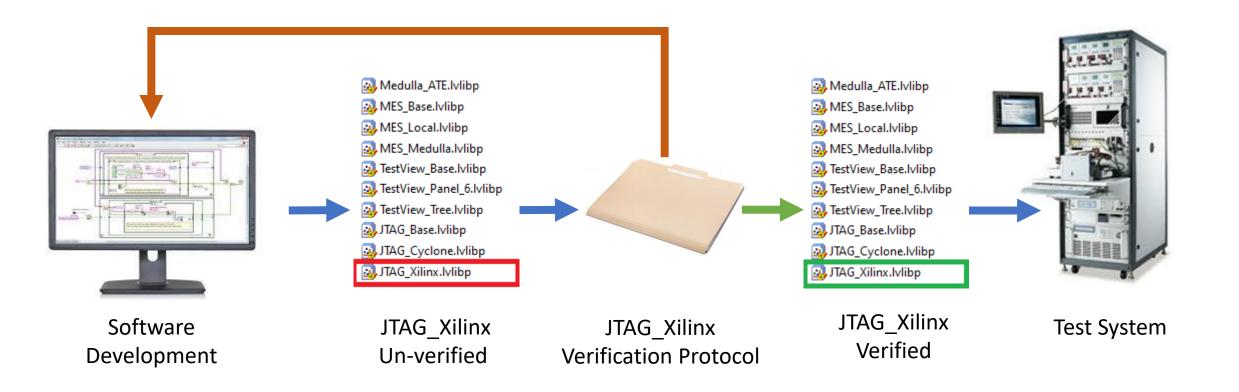


Simplified process of updating a Xilinx JTAG driver for a conventional system





Simplified process of updating a Xilinx JTAG driver for a ViPER system



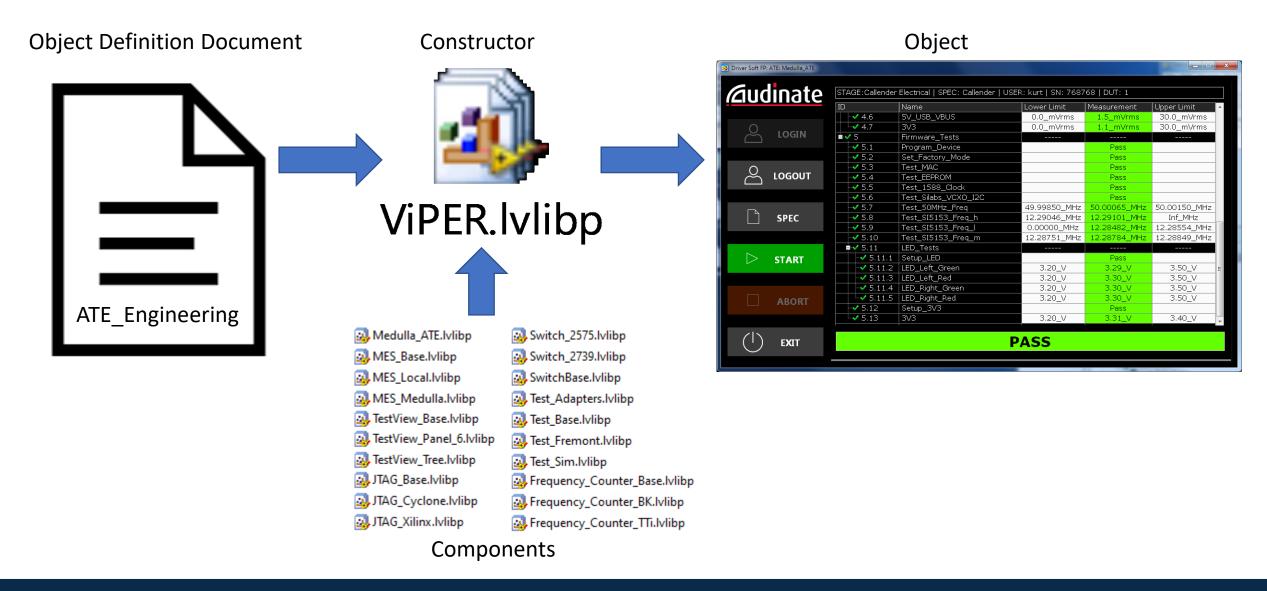


Constructor Object **Object Definition Document** HOW TO BUILD A Components



Object Constructor **Object Definition Document** FEREI 00 Components





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