Software-in-the-Loop Testing (glossary)

From SEBoK
software-in-the-loop testing

In software-in-the-loop testing, the actual Production Software Code is incorporated into the mathematical simulation that contains the models of the Physical System. This is done to permit inclusion of software functionality for which no model(s) exists, or to enable faster simulation times. (Argonne National Lab 2012)

Sources


Discussion

This is one of three related techniques: model-in-the-loop, software-in-the-loop, and hardware-in-the-loop.

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