

Hardware-in-the-Loop (HWIL)

[Return to Glossary](#)

- ☐ **[nick]Glossary 'H': Please Review**

Hardware-in-the-Loop (HWIL) is a type of real-time simulation. You use HWIL simulation to test your controller design. HWIL simulation shows how your controller responds, in real time, to realistic virtual stimuli. In HWIL simulation, you use a real-time computer as a virtual representation of your plant model and a real version of your controller.

Source: [Simulation and Test](#)

From:

<https://omgwiki.org/ddsf/> - **DDS Foundation Wiki**

Permanent link:

https://omgwiki.org/ddsf/doku.php?id=ddsf:public:guidebook:06_append:glossary:h:hwil&rev=1626291946

Last update: **2021/07/14 15:45**

