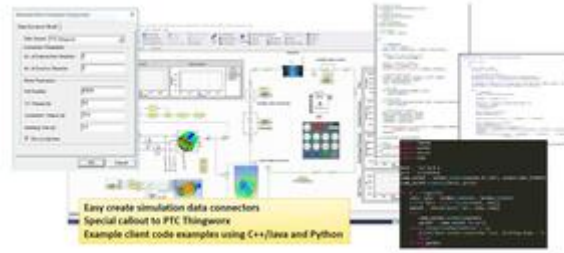


ANSYS Release 19.2 – Systems Update

ANSYS Twin Builder (formerly ANSYS Simplorer) [19.1]

- ANSYS Twin Builder becomes ANSYS Twin Builder [19.1]
- Functionalities of the former ANSYS Simplorer Advanced now integrated in electronics products (see "Electromagnetics", exceptions: FMI interfaces, Modelica integration)
- QuickStart for power electronics implementation (many examples)
- Thyristor models (from ABB and Infineon) and characterizations as well as examples of IGBT and MOSFET characterizations
- Predefined ADC / DAC converter models
- Battery Design Toolkit (available for download from the ANSYS App Store)
- Improved implementation of Modelica in Simplorer
 - "Heating & Cooling" libraries (from the ANSYS App Store)
 - Energy conserving coupling between Modelica and Simplorer
 - Ability to create and (re) use Modelica models in Simplorer
 - Improved graphical view
 - C ++ compiler for Modelica
- Live Data Link for Digital Twins
- Model integration improves:
 - Parameter [19.2]
 - Units [19.2]
 - UI-based text entry [19.2]
 - New tutorials [19.2]
 - Battery cell templates [19.2]
 - Characterization [19.2]
 - AC analysis improvement in feedback loops [19.2]



Live Data Link for Digital Twins

ANSYS SCADE

Model-based development of systems and embedded software

- Automated and seamless workflow for capturing and verifying multirate application architectures
- New and improved possibilities for the design and implementation of complex HMIs (human machine interfaces)



HMI display development for embedded systems with SCADE

All information has been prepared to the best of our knowledge.
 Information provided without guarantee.