

Isight Component – Adams Car

The Isight Adams Car component creates a direct link to Adams Car, allowing the user to update the Adams Car model, execute it and retrieve result from Adams Car software.

With Adams Car, engineering teams can quickly build and test functional virtual prototypes of complete vehicles and vehicle subsystems. This helps cut time, cost and risk in vehicle development and improve the quality of new vehicle designs.

Component Specifications

- An Isight Activity component
- Allows user to access Adams/Car database without using Adams/Car GUI
- Allows user to specify the analysis type and execution pattern
- Parameters (scalar data, e.g.; geometry, part data, tire properties) and properties (spline data, e.g.; Bushing, Damping, Spring, etc.) defined in Adams/Car database of vehicles and suspensions which are supported by the component can be invoked and operations can be performed
- Parses input and output parameter information such as name and value
- Allows user to filter the listed parameters by their name, mode and type
- Provides support for displaying/selecting available inputs and outputs by commands such as select, multi-select and select-all
- Works in integration with all the driver components like DOE, Optimization, etc
- Supports Adams/Car release 2007 R1
- Compatible with Isight 4.5 and later versions
- Available on Windows and Linux operating systems

