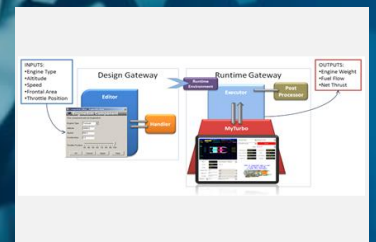


ISIGHT COMPONENT DEVELOPMENT

SIMULIA COURSE DESCRIPTION



Level: Advanced
Products: Isight
Disciplines: Automation; Design Exploration & Optimization

Audience
 Simulation Analysts

Why take this course?

Isight is a powerful tool for creating flexible simulation workflows using an extensive library of built-in components. However, it is possible to extend this library by developing custom components which can provide interfaces to third-party simulation codes and/or extend existing components via custom Plug-ins using the power of the Java development language. This course covers the process of designing, building, publishing, debugging and testing custom components and Plug-ins, utilizing the Isight SDK. The course is highly interactive with a strong emphasis on practical workshops using a standard Integrated Development Environment (IDE).

What will you learn?

The topics discussed include the following:

- Isight component architecture and introduction to the Isight SDK
- Building and testing an Isight component with a custom User Interface
- Interfacing with third-party simulation codes written in other languages such as Fortran
- Extending the behavior of existing Isight library components
- Introduction to the Isight developers Plug-in and debugging features using Eclipse IDE
- Build a custom DOE (Design of Experiments) method Plug-in

Explore Your Learning Options

Live Sessions	Engage in Real-Time, interactive group workshops guided by experts. Learn and collaborate live in your preferred language and time zone.	Join a live session
On-Demand Learning	Access expert-designed courses anytime, anywhere. Perfect for independent learners looking to build skills on their schedule.	Start Learning Now
Private Training	Exclusive, tailor-made sessions designed to meet your team's unique goals with expert guidance.	Contact Us for Custom Training



Gain hands-on experience and master real-world workflows through guided, practical training sessions.

Automate and optimize simulation processes to improve design efficiency and decision quality.

– SIMULIA Training Expert Team

What You Need to Know Before Starting

The course is recommended for simulation analysts and methods developers who have experience with Isight. Students should be familiar with software development using the Java language.

Want to Learn More?

Expand your knowledge by exploring our [course Catalog](#) and browsing learning paths on [Eduspace](#), our dedicated e-learning platform.

Join the Community!

[Join the SIMULIA community](#) to connect, learn, and stay updated.



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