Application Development with IDL

Course topics

**Audience:** This course is designed for scientists and IDL programmers wanting to apply the state of the art programming techniques of IDL 8 to build professional applications.

**Prerequisites:** IDL programming experiences

**Duration:** 3 Days

**Topics:**

**IDL 8 Programming Techniques**
- Review of Fundamentals
- Simplified IDL Project development workflows with the IDL 8 Workbench
- Error Handling in programs
- Use and benefits of Pointers and of the new IDL 8 data types: List & Hash & Dictionary
- Optimization of Performance and Memory Usage
- Multiprocessing in IDL

**IDL Widgets**
- IDL Widgets concepts
- Passing Data in Widget Programs
- Widgets Examples and Exercises
- Special Features of the IDL Widgets

**Object Oriented Programming in IDL 8**
- Introduction incl. the new intuitive object syntax of IDL 8
- On request: Special features, e.g. Operator Overloading

**IDL Object Graphics: - Basic Principles and Tools –**

**Linking IDL with other Programs**
- Overview
- Spawn Command
- Call External
- Adding System Routines: LINKIMAGE and DLM's
- On request: IDL Export/Import Bridges, Callable IDL

For additional information or details, contact us at 08105 378 0 and ask for your sales representative.