

# Build Your Application with ILOG ODM

## About This Training Program

This course is designed to introduce you to ILOG Optimization Decision Manager (ODM), a configurable and extensible platform for building planning applications with tailored fit.

The course presents basic configuration techniques using the OPL IDE, including customizing the ODM application and its interface.

## Who Should Take This Training?

This course is for people who need to generate applications for end-users from OPL models, including scenarios for what-if analysis. It does not require programming knowledge.

## Objectives

- Understand OPL data structures and how to use the OPL IDE to configure ODM applications.
- Discover the important ODM features and how you can leverage them in an ODM application.

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## Course Outline

*Note: The sequence in which topics are presented may be adjusted in the actual training sessions.*

### *Introduction to ILOG Optimization Decision Management System*

The big picture  
About optimization

### *OPL Overview*

Inside OPL Development Studio  
OPL data structures  
Formal parameters  
Ranges and arrays  
Tuples and sets

## Prerequisites

- Familiarity with mathematical programming concepts
- Familiarity with ILOG OPL Development Studio

## Length

- 1 day
- 9:00 am – 6:00 pm

**Note:** The material in this course also forms the first day of an advanced course for programmers and system integrators, *Extending and Integrating ODM*.

### *ODM Overview*

ODM in the ODMS architecture  
ODM architecture  
Generating an ODM Application  
ODM Views  
ODM Requirements  
ODM Rules

### *Basic ODM Configuration*

Mapping between OPL and ODM  
OPL for ODM

### *Deploying in a single-user environment*

The .odms file  
Deploying an application  
Scenario migration  
Memory management