"ADO*xx* IS A <u>META MODELLING DEVELOPMENT</u> AND <u>CONFIGURATION</u> PLATFORM FOR IMPLEMENTING <u>MODELLING TOOLS</u>."

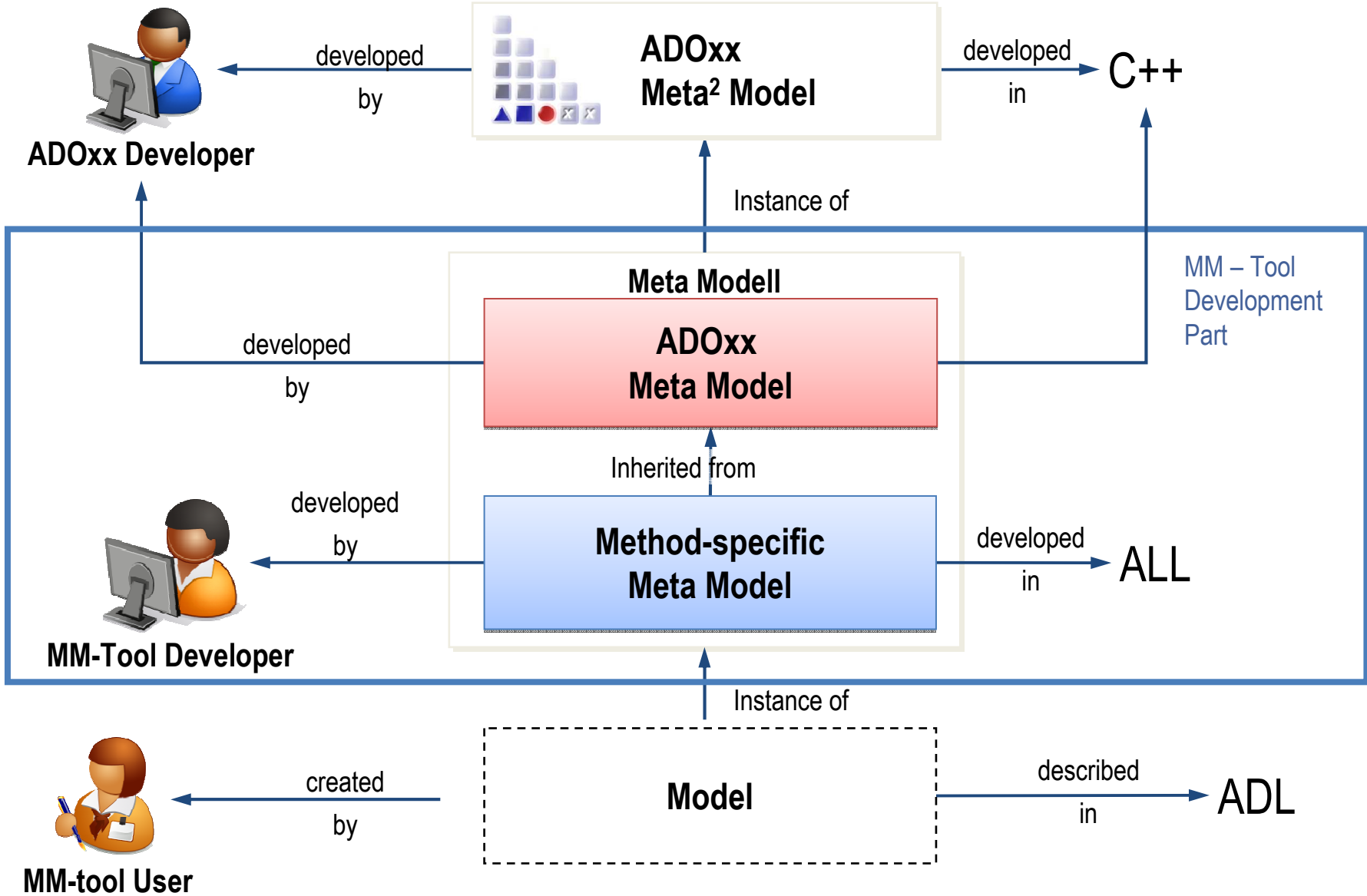| Identified Roles	Major Tasks	Required Skills	Cases
MM-tool User	**Modelling Domain Knowledge**	**Domain Knowledge Method Knowledge**	Established modelling tools / Agile development of modelling tool in parallel to modelling tool usage · · ·
MM-Tool Developer	**Developing an Meta Modelling Tool**	**Domain Knowledge Method Knowledge Platform Knowledge**	
ADOxx Developer	**Implementation of tool specific and ADOxx functionality**	**Platform Knowledge ADOxx Technology Skills**	Agile development of ADOxx platform in parallel to modelling method development

Meta Modelling Platforms Hierarchy: ADO*xx*

ADOxx Developer

developed by → **ADOxx Meta² Model** → developed in → C++

Instance of ↑

MM – Tool Development Part

Meta Modell

developed by ← **ADOxx Meta Model**

Inherited from ↑

developed by ← **Method-specific Meta Model** → developed in → ALL

MM-Tool Developer

Instance of ↑

MM-tool User

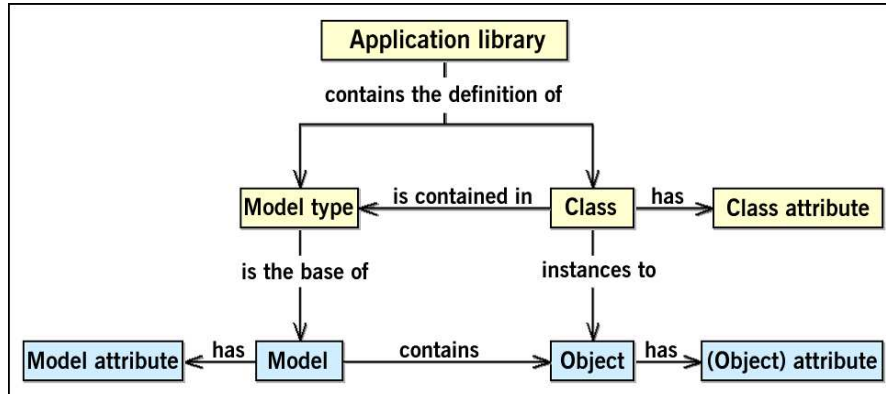created by ← **Model** → described in → ADL

MM … Modelling Method

Introduction of ADOxx:

Definition: Model types, Classes, Attributes and Relations

▸ **Model Types:**
A model type is a well-defined sub collection of classes and relation classes of a meta model.

▸ **Classes:**
A class is a construct that is used as a template to create objects of that class. The objects of a class are alternatively called "instances"

▸ **Attributes:**
An attribute is a property of a modelling construct such as a model, object or relation. Each attribute has a type and a value.

▸ **Relations:**
A relation class is a construct that is used as a template to create relations between objects. A relation class is defined between classes. A relation is always a directed connection between objects, i.e. each relation has a from-side and a to-side.