

ISO 5116-3:2021 (E)

Improving transparency in financial and business reporting — Harmonization topics — Part 3: Mapping between DPM and MDM

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Introduction to the Multidimensional Data Model
5	Preconditions on mapping
5.1	Types of Database Management Systems (DBMSs)
5.2	Fundamental choices
5.3	Fact definitions: presentation vs DPM
5.4	Storing native XBRL facts
5.5	Dimension/defaultMember
5.6	Options
5.7	Versioning
5.8	Changes on fact values
6	Definitions
7	Mapping from Data Point Model to Multidimensional Data Model
7.1	General
7.2	Framework
7.3	Taxonomy
7.4	Dimensions
7.5	Context
7.6	Primary Items
7.7	Fact table or Data points
7.8	Summary
8	Metamodel defined by the EBA (FINREP and COREP) mapped to MDM
8.1	General
8.2	Creation of the structure and load of the DPM from the EBA in a RDBMS
8.3	Loading DPM_ROLAP from DPM_EBA
9	Implementation of the DPM in the MDM using the design ROLAP
9.1	General
9.2	Structure ROLAP
9.3	Creation of the infrastructure through MS SQL Server
10	DPM of FINREP 2012 in the MDM using the design ROLAP
10.1	General
10.2	DPM of FINREP 2012
11	DPM of the first prototype of Solvency II in the MDM using the design ROLAP
11.1	General
11.2	DPM of the prototype