CDM Technology Architecture Working Group – Terms of Reference

Version 1.2 (May 2023)

1. Meetings

Current Chair: Chris Rayner, ISLA
Meeting Cadence: 2nd Thursday of every month
Meeting Duration: 1 hour

2. Purpose

As delegated by the CDM Steering Working Group, the purpose of this group is to promote the adoption and use of the Common Domain Model (CDM) through collaborative Open-Source development that aligns CDM's architecture, tooling, services, infrastructure, development practices, and deployment to existing and future technologies.

3. Scope

The CDM Technology Architecture Working Group (The Group)'s primary responsibility is to review and recommend for approval by the Contribution Review Working Group all proposed changes to the CDM which are in scope as described below. These changes may be contributed by The Group itself or by submissions to The Group for review.

3.1 In Scope

In-scope domains for The Group include but are not limited to:
- Standards for development environments and toolsets
- Standards for deployment architectures and infrastructure
- Range of programming languages supported by the CDM
- Recommendations for new technical features to extend the capabilities of the CDM.
- Non-functional changes to the model and its environment
- Promotion/socialisation of recommendations and content produced by The Group
- Collaboration with other technology and financial market standards bodies
- Other areas and activities which The Group may decide from time to time

3.2 Out of Scope

Topics that are out of scope for The Group include:

- Functional enhancements to the model I.e., updating components within the model itself

4. Responsibilities

The roles and responsibilities of The Group are outlined in README.md.

The Group's initial Maintainers will be nominated by ISLA, ISDA, and ICMA. Additional Maintainers can be proposed by the working group participants and approved by the existing Maintainers. The role of the Maintainers is as per README.md.

Participants are expected to be actively involved in In Scope activities to further develop the CDM.

Participants with the relevant skillsets will be encouraged to assist with the work required to define and implement changes in support of a recommendation made by The Group,

5. Membership

The group is open to anyone with an interest in furthering the technology and infrastructure supporting the CDM.

It is expected that participants of The Group will have a background in modelling, application development or deployment, API or service implementation, or technical architecture.

An understanding of financial markets and trading is preferable.

6. Recommendations and decision-making

As outlined in governance.md, the CDM Technology Architecture Working Group will operate by consensus-based decision-making.