

|  |
| --- |
| UML/RMLC Process Template |

|  |  |  |  |
| --- | --- | --- | --- |
| **Document Number:** | RMLC-TMPL-001-000-UML/RMLC Process Template | | |
| **Author:** | System | **Date:** | 7/24/2013 |

Table of Contents

[[ISSUE-1.Introduction 4](#__RefHeading__486_360377619)

[1.1Purpose 4](#__RefHeading__488_360377619)

[1.2Intended Audience and Reading Suggestions 4](#__RefHeading__490_360377619)

[1.3Project Scope 4](#__RefHeading__492_360377619)

[[ISSUE-2.How to Use This Guideline 4](#__RefHeading__494_360377619)

[2.1Conventions Used in this Guideline 4](#__RefHeading__496_360377619)

[[ISSUE-3.Core Content 5](#__RefHeading__498_360377619)

[3.1OpenUp Entity Relationship Explanation 5](#__RefHeading__500_360377619)

[3.2OpenUp Relationship Entity Diagram Description 5](#__RefHeading__502_360377619)

[3.3OpenUp Entity Relationship Diagram 6](#__RefHeading__504_360377619)

# Introduction

## Purpose

The purpose of this document is to provide a template design for engineering a Process Diagram for RMLC.

## Intended Audience and Reading Suggestions

This document is for any Process Engineer who will be developing a process for RMLC.

## Project Scope

The guideline is limited to acting as a template for the creation of process diagrams for RMLC.

# How to Use This Guideline

## Conventions Used in this Guideline

Text conventions used in this design guideline are as follows:

**Bold text** Text used to emphasize important details.

*Italics* Style used for a particular section, document element, paragraph, or sentence.

# 

# Core Content

## RMLC Entity Relationship Explanation

RMLC contains four major entities used in engineering processes: Tasks, Roles, Work Products (which can be Artifacts, Outcomes, or Deliverables), and Guidance.

1. **Task** – a unit of work that needs to be done in order to transform inputs into outputs through a series of steps performed by one of more roles independent of a particular work breakdown structure (WBS).
   1. Ex: “Conduct a BRD Peer Review” is a Task performed by a Business Analyst.
2. **Role** – a standard set of responsibilities and corresponding skills necessary to perform a task or create a work product. A role is not a job description; the same person may execute several roles simultaneously or during the course of a project, and a role may likewise be defined to represent a group such as a review board.
   1. Ex: a “Business Analyst” is the Rolewho performs the “Conduct a BRD Peer Review” Task.
3. **Work Product** – the end product(s) of a Task**.** A Work Product can be an Artifact, Outcome or a Deliverable.
   1. **Artifact** – a specialized type of Work Product that represents tangible, non-trivial items that are consumed, produced, or modified by tasks. Artifacts may be composed of other artifacts and often serve as a basis for defining reusable assets.
   2. **Outcome –** a specialized type of Work Product used to describe intangible items such as the completion of some set of activities, a result, or sate. A key differentiator against artifacts is that outcomes are not candidates for harvesting as reusable assets. Outcomes cannot have associated templates or examples and are not possible to reuse as assets on other projects.
   3. **Deliverable** - a specialized type of Work Product used to define the primary outputs that represent value, material or otherwise, to the client, customer or other stakeholders. These are typically the result of packaging other work products (Artifacts and Outcomes) for sign-off and delivery.
4. **Guidance** – the general term referring to all types of material that provide additional detail on other types of elements. Guidance may consist of helpful word documents, etc.

## RMLC Relationship Entity Diagram Description

These four entities are represented by certain shapes throughout RMLC and in RMLC Entity Relationship Diagrams.

A description...

1. **Task** -
2. **Role** - A description...

A description...

1. **Work Product-**

A description...

* 1. **Artifact** -

A description...

* 1. **Outcome** –

A description...

* 1. **Deliverable** -

1. **Guidance** -

Along with these four main entities, Input and Output are also needed for the completion of each process. Input and Output will always consist of a Work Product.

## RMLC Entity Relationship Diagram

The following template should be used to diagram RMLC Processes.

**Red** = Required

**Black** = Optional

A description...

A description...A description...

**Input(s):** List the appropriate Input(s) for this task.

A description...

**Task:** Fill in the appropriate Task title.

**Task Steps:** List the appropriate steps for this task.



**Output(s):** List the appropriate Output(s) for this task.

Notes: