# Dagstuhl Workshop(s) 2017

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on basis of AG discussion on 2017-06-07

## Introduction

Both weeks in Dagstuhl will be used for Moving Forward work.

Mostly existing work should be used, refined, and integrated. Start of new work should be minimized. The overall goal is to combine the good parts of the work of the last years in order to achieve two working functional views (basic Data Description and basic Data Capture), a working class library, the resulting bindings and a working production framework.

In case of missed targets:

* Description of missing items
* Clear plan of resolution with priority

## Targeted Results

### Week 1 - Technical

#### Structured Documentation

* Improvement of structure
* Modular examples with the perspective of a specific audiences or purposes
  + Software developer, archivist, data producer, training tutorial

#### Production Framework

* Resolution of tasks described in document from Cologne meeting (2016-12)

#### Test Cases

* Technical test cases in binding syntax (XML and RDF) for core items of Functional Views (Data Description and Data Capture)

#### OWL/RDF-S

* Work plan and partial resolution of tasks described in document from Cologne meeting (2016-12)

#### Program Libraries

* Java binding
  + Conceptual approach: documentation, prototype
  + Rules for round trip of metadata between bindings, especially XML, RDF, and Java

### Week 2 - Content

#### Data Description

* Functional View with all related features of DDI Lifecycle 3.2 including mapping documentation

#### Data Capture

* Functional View with all related features of DDI Lifecycle 3.2 including mapping documentation

#### Modeling

* Integrative support for achieving the goals of the three Functional Views mentioned above
* Indication of the maturity of classes in the class library. Introduction of maturity levels.

#### Use Cases

* Description of major use cases and what DDI 4 can do for them

#### Strategic Documents

* Mature drafts of mission and design principles, strategic plan, and infrastructure vision