## Production Framework

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**What are we trying to achieve?**

* Delivery of outputs (defined below) in a collaborative platform that conforms to the requirements (see below)
* A single platform for producing documentation for all flavors of DDI (Codebook, Lifecycle, LC-mb) to provide a uniform look and feel

### Outputs

**Final Products**

* XML BInding
* RDF BInding
* Documentation
  + HTML
  + PDF

**Intermediary Products**

* XMI - move to Final?
* PIM
* PSM

### Requirements

**Versioning & change management**

* Roll back
* Diffs between versions at different granularities and types (csv, xmi, xml, rdf etc)
* Approvals
  + Accept - Pull Requests using Git
  + Include / exclude classes in Drupal

**Maintainability**

* Skills
* Access to and portability of infrastructure
* Consistency and conformance
  + Validation on database
  + Validation on ‘open text’

**Usability**

* Interface for content
  + Client side editor
* Collaborative process
* Sandbox capabilities
* Import into modelling tools

Risk Analysis of carrying on with Drupal vs moving to COGS - spreadsheet in this directory in progress includes Platform evaluation to identify pros and cons of both platforms

### Platform Evaluation

**COGS evaluation**

* What are the things we would need to do to make it meet the requirements
  + Proof of concept - duplicate existing and move over content to COGS
* What would a migration plan look like

**Drupal Evaluation**

* Versioning
* Diffs