Next Generation Integration Scorecard
Syllabus Functional Area

The Syllabus functional area manages the curriculum within a Course and relating the material to learning Objectives to create lesson plans. It may be defined very broadly or at a fine-grained level to facilitate the production of Plans in the Course Plan functional area.

**Syllabus**

A Syllabus represents the content of a Course. A Course may have multiple syllabi.

Also known as: *Resource List, Course Content*

- **Read Operations for Syllabi:**
  - Get Syllabi given unique Ids
  - Get all the Syllabi in a system or Catalog
  - Query (Search) Syllabi based on attribute-based query terms or keywords
  - Register for notifications that Syllabi have been created, updated or deleted

- **Write Operations for Syllabi:**
  - Create, Update and Delete Syllabi
  - Add an alias Id to reference an existing Syllabus
  - Organize Syllabi into catalogs

Minimally Supported Attributes of Syllabi:

- A unique and permanent identifier
- The name of the Syllabus
- A description of the Syllabus
- The type of the Syllabus
- The Course associated with the Syllabus

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Module

A Module is a major division of a Syllabus. Modules may be toggled for inclusion in an overall Syllabus. Modules are subdivided into Docets.

Also known as:

- Read Operations for Modules:
  - Get Modules given unique Ids
  - Get all the Modules in a system or Catalog
  - Query (Search) Modules based on attribute-based query terms or keywords
  - Register for notifications that Modules have been created, updated or deleted

- Write Operations for Modules:
  - Create, Update and Delete Modules
  - Add an alias Id to reference an existing Module
  - Organize Modules into catalogs

Minimally Supported Attributes of Modules:

- A unique and permanent identifier
- The name of the Module
- A description of the Module
- The type of the Module
- Boolean indicator of whether this Module is enabled
- The Syllabus associated with the Module

Docet

A Docet is a relationship between a Module and an ActivityUnit, and serves as a piece of content within a Module. A Docet relates to one or more learning Objectives. The learning Objectives visible through a Course may be built up using the Objectives defined in the Syllabus. Each Docet may include Assets for materials serving to instruct this portion of the
Course or Assessments for quizzes and assignments. A Docet may be a portion of an activity that is designated in or out of class time and an estimated time duration. The Plan functional group provides functionality for examining the in-class Docets and their durations to understand the schedule of lesson plans through a CourseOffering in a Term. Docets may apply to a subset of ActivityUnits with a Course. Although Docets may be defined at very broad levels covering multiple learning Objectives and multiple ActivityUnits with long durations, when managed down to the level of a single Objective can serve to structure the lesson plan, homework assignments, and other exercises within a single instance of an Activity offering.

Also known as: Course Activity?

Read Operations for Docets:

- Get Docets given unique Ids
- Get all the Docets in a system or Catalog
- Get Docets for Modules
- Get Docets for ActivityUnits
- Query (Search) Docets based on attribute-based query terms or keywords
- Register for notifications that Docets have been created, updated or deleted

Write Operations for Docets:

- Create Docet for Module and ActivityUnit
- Update and Delete Docets
- Add an alias Id to reference an existing Docet
- Organize Docets into catalogs

Minimally Supported Attributes of Docets:

- A unique and permanent identifier
- The name of the Docet
- A description of the Docet
- The type of the Docet: lesson, lecture, quiz, project, final exam
- The Module associated with the Docet
- The Activity Unit associated with the Docet
- The Learning Objectives associated with the Docet
- Whether this Docet occurs within a class Activity
- The estimated duration of this Docet

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- Assets (materials) related to this Docet, if available
- Assessments (quizzes or assignments) related to this Docet, if available
- The start and end date of this Docets
- The reason the Docet ended, if applicable

**Catalog**

A directory or other kind of organization for Course related entities. Such a grouping serves to separate learning objectives managed by different campuses or departments and to scope searches.

Also known as: CourseCatalog

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<th>Read Operations for Catalogs:</th>
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<th>Write Operations for Catalogs:</th>
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<td>❑ Create, Update and Delete Catalogs</td>
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<td>❑ Manage Hierarchical relationships between Catalogs</td>
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Minimally Supported Attributes of Catalogs:

- A unique and permanent identifier.
- The name of the Catalog
- A description of the Catalog
- The type of the Catalog
- The provider of this Catalog
- Any available branding for this Catalog, for example, an organizational logo

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