



Next Generation Integration Scorecard Course Registration Functional Area

The Course Registration Functional Area defines course registration services.

ActivityBundle

An ActivityBundle is a set of activities and other registration options within a CourseOffering in which a student can register. A CourseOffering may have a variety of activity offerings and the activity bundle groups sets of these offerings together. For example, each section of a class may have a lecture and a lab but multiple labs may be offered. For each valid registration option grouping together a lecture and one of the offered labs is presented as an ActivityBundle. Some registration mechanisms only require registration at the CourseOffering level and do not permit students to select below that level. In this case, a single ActivityBundle is created for the top level CourseOffering.

Also known as:

Read Operations for *ActivityBundles*: Score

<input type="checkbox"/> Get ActivityBundles given unique Ids	
<input type="checkbox"/> Get all the ActivityBundles in a system or Catalog	
<input type="checkbox"/> Query (Search) ActivityBundles based on attribute-based query terms or keywords	
<input type="checkbox"/> Register for notifications that ActivityBundles have been created, updated or deleted	

Read Operations for *ActivityBundles*:

<input type="checkbox"/> Create, Update and Delete ActivityBundles	
<input type="checkbox"/> Add an alias Id to reference an existing ActivityBundle	
<input type="checkbox"/> Organize ActivityBundles into catalogs	

Minimally Supported Attributes of *ActivityBundles*:

<ul style="list-style-type: none"> ● A unique and permanent identifier
<ul style="list-style-type: none"> ● The name of the ActivityBundle

<ul style="list-style-type: none"> • A description of the ActivityBundle
<ul style="list-style-type: none"> • The type of the ActivityBundle
<ul style="list-style-type: none"> • The CourseOffering associated with the ActivityBundle
<ul style="list-style-type: none"> • The Activities in this ActivityBundle
<ul style="list-style-type: none"> • The number of Credits available to register for in this Course
<ul style="list-style-type: none"> • The various Grading Options available to register in this course, if applicable

Registration

A Registration is a Relationship between a student and an ActivityBundle.
Also known as: <i>Enrollment</i> (for a course, lab, section etc)

Read Operations for *Registrations*: Score

<input type="checkbox"/> Get Registrations given unique Ids	
<input type="checkbox"/> Get all the Registrations in a system or Catalog	
<input type="checkbox"/> Get Registrations for students	
<input type="checkbox"/> Get Registrations for ActivityBundles	
<input type="checkbox"/> Query (Search) Registrations based on attribute-based query terms or keywords	
<input type="checkbox"/> Register for notifications that Registrations have been created, updated or deleted	

Write Operations for *Registrations*:

<input type="checkbox"/> Create Registration for student and ActivityBundle	
<input type="checkbox"/> Update and Delete Registrations	
<input type="checkbox"/> Add an alias Id to reference an existing Registration	
<input type="checkbox"/> Organize Registrations into catalogs	

Minimally Supported Attributes of *Registrations*:

<ul style="list-style-type: none"> • A unique and permanent identifier
<ul style="list-style-type: none"> • The name of the Registration
<ul style="list-style-type: none"> • A description of the Registration
<ul style="list-style-type: none"> • The type of the Registration
<ul style="list-style-type: none"> • The ActivityBundle associated with the Registration

<ul style="list-style-type: none"> • The student associated with the Registration
<ul style="list-style-type: none"> • The number of Credits the student is registered to earn
<ul style="list-style-type: none"> • The grading option for this Registration, if available
<ul style="list-style-type: none"> • Effective date range of this Registration
<ul style="list-style-type: none"> • The reason this Registration ended, if applicable

ActivityRegistration

<p>An ActivityRegistration is a Relationship between a student and an Activity. ActivityRegistrations permit hanging data off of each Activity. ActivityRegistrations may be implicitly created upon the creation of a Registration.</p>
<p>Also known as:</p>

Read Operations for *ActivityRegistrations*: Score

<input type="checkbox"/> Get ActivityRegistrations given unique Ids	
<input type="checkbox"/> Get all the ActivityRegistrations in a system or Catalog	
<input type="checkbox"/> Get ActivityRegistrations for students	
<input type="checkbox"/> Get ActivityRegistrations for Activities	
<input type="checkbox"/> Query (Search) ActivityRegistrations based on attribute-based query terms or keywords	
<input type="checkbox"/> Register for notifications that ActivityRegistrations have been created, updated or deleted	

Write Operations for *ActivityRegistrations*:

<input type="checkbox"/> Create ActivityRegistration for student and Activity	
<input type="checkbox"/> Update and Delete ActivityRegistrations	
<input type="checkbox"/> Add an alias Id to reference an existing ActivityRegistration	
<input type="checkbox"/> Organize ActivityRegistrations into catalogs	

Minimally Supported Attributes of *ActivityRegistrations*:

<ul style="list-style-type: none"> • A unique and permanent identifier
<ul style="list-style-type: none"> • The name of the ActivityRegistration
<ul style="list-style-type: none"> • A description of the ActivityRegistration
<ul style="list-style-type: none"> • The type of the ActivityRegistration
<ul style="list-style-type: none"> • The Registration associated with the ActivityRegistration

<ul style="list-style-type: none"> • The Activity associated with the ActivityRegistration
<ul style="list-style-type: none"> • The Student associated with the ActivityRegistration
<ul style="list-style-type: none"> • Effective date range of this ActivityRegistration
<ul style="list-style-type: none"> • The reason this ActivityRegistration ended, if applicable

Catalog

<p>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.</p>
<p>Also known as: CourseCatalog</p>

Read Operations for *Catalogs*: Score

<input type="checkbox"/> Get Catalogs given unique Ids	
<input type="checkbox"/> Get all the Catalogs in a system or Catalog	
<input type="checkbox"/> Query (Search) Catalogs based on attribute-based query terms or keywords	
<input type="checkbox"/> Traverse Hierarchical relationships between Catalogs	
<input type="checkbox"/> Register for notifications Catalogs have been created, updated or deleted	
<input type="checkbox"/> Register for notifications that hierarchical relationships between Catalogs have been created, updated or deleted	

Write Operations for *Catalogs*:

<input type="checkbox"/> Create, Update and Delete Catalogs	
<input type="checkbox"/> Add an alias Id to reference an existing Catalog	
<input type="checkbox"/> Manage Hierarchical relationships between Catalogs	

Minimally Supported Attributes of *Catalogs*:

<ul style="list-style-type: none"> • A unique and permanent identifier.
<ul style="list-style-type: none"> • The name of the Catalog
<ul style="list-style-type: none"> • A description of the Catalog
<ul style="list-style-type: none"> • The type of the Catalog
<ul style="list-style-type: none"> • The provider of this Catalog
<ul style="list-style-type: none"> • Any available branding for this Catalog, for example, an organizational logo
<ul style="list-style-type: none"> • Any licensing (terms of usage) associated with this Catalog

