



## Next Generation Integration Scorecard Hold Functional Area

The Hold Functional Area provides a means for managing blacklists. This functionality may be found as part of an authorization implementation to override authorization functions or as part of a rules system to define managed checks in a business process.

### *Block*

Issues are mapped to Blocks. The Block is the entity that is checked by an external evaluator. A person is "blocked" if they have any Holds related to Issues mapped to the Block. The separation of a Block and an Issue allows for one party to maintain their set of Issues that impacts the business process of another party that authors the Blocks. An example is a registrar of a university that blocks registration for students who have not returned their library books

Also known as:

Read Operations for *Blocks*: *Score*

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

Write Operations for *Blocks*:

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

Operations for checking *Blocks*:

<input type="checkbox"/> Determines if the given resource is blocked. A resource is blocked if an active Hold for the given agent exists for an Issue mapped to a given Block	
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Minimally Supported Attributes of *Blocks*:

<ul style="list-style-type: none"> <li>• A unique and permanent identifier</li> </ul>
<ul style="list-style-type: none"> <li>• The name of the Block</li> </ul>
<ul style="list-style-type: none"> <li>• A description of the Block</li> </ul>
<ul style="list-style-type: none"> <li>• The type of the Block: trump's wall</li> </ul>
<ul style="list-style-type: none"> <li>• The Issues related to this Block</li> </ul>

*Issue*

An Issue represents a problem. A problem might be the lack of payment, overdue library books, or a criminal offense
Also known as:

Read Operations for *Issues*: Score

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

Write Operations for *Issues*:

<input type="checkbox"/> Create, Update or Delete Issues	
<input type="checkbox"/> Add an alias Id to reference an existing Issue	
<input type="checkbox"/> Organize Issues into CourseCatalogs	

Minimally Supported Attributes of *Issues*:

<ul style="list-style-type: none"> <li>• A unique and permanent identifier</li> </ul>
<ul style="list-style-type: none"> <li>• The name of the Issue</li> </ul>
<ul style="list-style-type: none"> <li>• A description of the Issue</li> </ul>
<ul style="list-style-type: none"> <li>• The type of the Issue:</li> </ul>
<ul style="list-style-type: none"> <li>• The resource that has authority for this Issue</li> </ul>

# Hold

A Hold is a relationship between a resource and an Issue. A Hold could say that a person has not made their payment or has some problem identified by the related Issue

Also known as:

## Read Operations for *Holds*:

Score

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

## Write Operations for *Holds*:

<input type="checkbox"/> Create Hold for an Issue and a resource, typically a person or group	
<input type="checkbox"/> Update or Delete Holds	
<input type="checkbox"/> Add an alias Id to reference an existing Hold	
<input type="checkbox"/> Organize Holds into CourseCatalogs	

## Operations for reviewing one's own *Holds*:

<input type="checkbox"/> Gets all the holds associated with the authenticated user	
<input type="checkbox"/> Gets all the holds associated with an authenticated user for the given issue	
<input type="checkbox"/> Gets all the holds associated with an authenticated user for the given block	

## Minimally Supported Attributes of *Holds*:

<ul style="list-style-type: none"><li>• A unique and permanent identifier</li></ul>
<ul style="list-style-type: none"><li>• The name of the Hold</li></ul>
<ul style="list-style-type: none"><li>• A description of the Hold</li></ul>
<ul style="list-style-type: none"><li>• The type of the Hold: manual, automated</li></ul>
<ul style="list-style-type: none"><li>• The Issue associated with the Hold</li></ul>
<ul style="list-style-type: none"><li>• The resource, typically a person or a group, assigned to the Issue, if available</li></ul>
<ul style="list-style-type: none"><li>• The authenticable Agent for this Hold, if available</li></ul>

<ul style="list-style-type: none"> <li>• The effective date range of this Hold</li> </ul>
<ul style="list-style-type: none"> <li>• The reason this Hold was lifted, if applicable</li> </ul>

## Catalog

A directory or other kind of organization for learning objectives. Such a grouping serves to separate Holds managed by different organizations or departments and to scope searches.
Also known as: Oubliette

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