

Appendix: Unique Constraints

Below is a list of all the unique constraints for the Toolkit. This is a field or group of fields that must be unique within the repository, or, in some instances, for the entire application without regard to the number of repositories using a single implementation.

Table	Constraint	Description
Accessions	repositoryId, accessionNumber1, accessionNumber2, accessionNumber3, accessionNumber4	Accession numbers must be unique within a repository.
AccessionsResources	resourceId, accessionId	A resource and accession can only be linked to each other once.
ArchDescriptionNames	nameId, digitalObjectId, resourceId, accessionId, resourceComponentId, role, function, form	The combination of name, role, function and form can only be linked to a resource, component or digital object once.
ArchDescriptionSubjects	digitalObjectId, subjectId, resourceId, accessionId, resourceComponentId	A subject can only be linked once to a resource, component or digital object.
Locations	building, floor, room, area, coordinate1, coordinate2, coordinate3, classificationNumber, barcode	Locations must be unique.
Names	corporatePrimaryName, corporateSubordinate1, corporateSubordinate2, qualifier, personalPrimaryName, personalRestOfName, personalPrefix, personalSuffix, number, personalDates, personalFullerForm, personalTitle, familyName, familyNamePrefix	
Repositories	repositoryName	Repository names must be unique.
Resources	repositoryId,	Resource ID must be

	resourceIdentifier1, resourceIdentifier2, resourceIdentifier3, resourceIdentifier4	unique within an institution.
Subjects	subjectTerm, subjectTermType, subjectSource	Subject terms must be unique.
Users	username	User names must be unique.