

Changeset Tags Collection

The changeset tags collection **Tags** is used by the **Changeset** object and provides access to the list of tags associated with the changeset. It includes functions to select tags in the collection. The tags are sorted by modified date - earliest first, and then by name.

Properties

Name	Description	Return Type	Usage Example
Count	Returns number of tags in the collection	Integer	<code>\$Source.RepoName.Changesets.First().Tags.Count\$</code> 3

Functions

Name and Parameters	Description	Return Type	Usage Example
First()	Gets first tag from the collection	Changeset Tag	<code>\$Source.RepoName.Changesets.First().Tags.First().Name\$</code> "v0.9_beta"
First (string property, string operator, string value, bool ignoreCase)	Gets first matching tag from the collection for given property using given operator. See list of valid operators below.	Changeset Tag	<code>\$Source.RepoName.BuiltChangeset.Tags.First("TaggerName", Contains, "Babbage", True).Name\$</code> "v1.1_release"
IsEmpty()	Returns true if there are no tags in the collection	Boolean	<code>\$Source.RepoName.BuiltChangeset.Tags.IsEmpty()</code> False
Item (integer index)	Gets a tag in the collection by zero-based index number	Changeset Tag	<code>\$Source.RepoName.BuiltChangeset.Tags.Index(0).Modified\$</code> "11/09/2014 1:48:36 AM"
Last()	Gets last tag from the collection	Changeset Tag	<code>\$Source.RepoName.BuiltChangeset.Tags.Last().Name\$</code> "v1.2.3"
Last (string property, string operator, string value, bool ignoreCase)	Gets last matching tag from the collection for given property using given operator. See list of valid operators below.	Changeset Tag	<code>\$Source.RepoName.BuiltChangeset.Tags.Last("Message", Contains, "fix", True).Name\$</code> "hotfix_999"
Select (string property)	Returns a string collection of property values	String Collection	<code>\$Source.RepoName.BuiltChangeset.Tags.Select(Name).Join(",")\$</code> "tag1, tag2 tag3"
Where (string property, string operator, string value, bool ignoreCase)	Gets matching tags from collection for given property using given operator. See list of valid operators below.	Changeset Tags Collection	<code>\$Source.RepoName.BuiltChangeset.Tags.Where("Name", Equals, "implemented", True).First().Message\$</code> "added a deployment tag"

Operators

- `Equals`
- `DoesNotEqual`
- `Contains`
- `DoesNotContain`
- `StartsWith`
- `DoesNotStartWith`
- `EndsWith`
- `DoesNotEndWith`
- `IsRegexMatch`
- `IsNotRegexMatch`