Developers

Personalization Class

Personalization Class

Get assigned personalization audiences that match the user context. Create, get, update, and delete an audience. Get personalization targets that match the user context, based on the assigned audiences that include the user. Create and update targets. Get and delete a target.

Namespace

ConnectApi

> ℹ️ **Note**
>
> Personalization varies what the user can see in the browser but doesn't secure data in any way. To prevent users accessing sensitive data, use standard Salesforce security features, such as sharing rules and permission sets.

Personalization Methods

These methods are for `Personalization`. All methods are static.

- **createAudience(communityId, audience)**
  Create an audience.

- **createTargets(communityId, target)**
  Create targets.

- **deleteAudience(communityId, audienceId)**
  Delete an audience.

- **deleteTarget(communityId, targetId)**
  Delete a target.

- **getAudience(communityId, audienceId, includeAudienceCriteria)**
  Get an audience.

- **getAudienceBatch(communityId, audienceIds)**
  Get audience information for a comma-separated list of audience IDs.

- **getAudiences(communityId, ipAddress, domain, userId, publishStatus, includeAudienceCriteria, targetTypes, recordId)**
  Get a list of assigned audiences that match the user context and record information.

- **getAudiences(communityId, ipAddress, domain, userId, publishStatus, includeAudienceCriteria, targetTypes)**
  Get a list of assigned audiences that match the user context.

- **getTarget(communityId, targetId)**
  Get a target.

- **getTargetBatch(communityId, targetIds)**
  Get target information for a comma-separated list of target IDs.

- **getTargets(communityId, ipAddress, domain, userId, publishStatus, recordId, targetTypes, includeAudience, includeAllMatchingTargetsWithinGroup, groupNames)**
  Get a list of targets that match the user context, based on the assigned audiences that include the user.

- **updateAudience(communityId, audienceId, audience)**
  Update an audience.

Create an audience.

API Version

48.0

Requires Chatter

No

Signature

```
public static ConnectApi.Audience createAudience(String communityId, ConnectApi.AudienceInput
audience)
```

Parameters

communityId

Type: String

ID of the Experience Cloud site.

audience

Type: `ConnectApi.AudienceInput`

A `ConnectApi.AudienceInput` object that defines the audience.

Return Value

Type: `ConnectApi.Audience`

createTargets(communityId, target)

Create targets.

API Version

48.0

Requires Chatter

No

Signature

```
public static ConnectApi.TargetCollection createTargets(String communityId,
ConnectApi.TargetCollectionInput target)
```

Parameters

communityId

Type: String

ID of the Experience Cloud site.

target

Type: `ConnectApi.TargetCollectionInput`

A `ConnectApi.TargetCollectionInput` object that defines the targets.

Return Value

Type: `ConnectApi.TargetCollection`

48.0

Requires Chatter

No

Signature

`public static Void deleteAudience(String communityId, String audienceId)`

Parameters

communityId

Type: String

ID of the Experience Cloud site.

audienceId

Type: String

ID of the audience.

Return Value

Type: Void

deleteTarget(communityId, targetId)

Delete a target.

API Version

48.0

Requires Chatter

No

Signature

`public static Void deleteTarget(String communityId, String targetId)`

Parameters

communityId

Type: String

ID of the Experience Cloud site.

targetId

Type: String

ID of the target.

Return Value

Type: Void

getAudience(communityId, audienceId, includeAudienceCriteria)

Get an audience.

48.0

Requires Chatter

No

Signature

```
public static ConnectApi.Audience getAudience(String communityId, String audienceId, Boolean
includeAudienceCriteria)
```

Parameters

communityId

Type: String

ID of the Experience Cloud site.

audienceId

Type: String

ID of the audience.

includeAudienceCriteria

Type: Boolean

Specifies whether to include audience criteria (`true`) or not (`false`). If unspecified, defaults to
`false`.

Return Value

Type: `ConnectApi.Audience`

getAudienceBatch(communityId, audienceIds)

Get audience information for a comma-separated list of audience IDs.

API Version

48.0

Available to Guest Users

48.0

Requires Chatter

No

Signature

```
public static ConnectApi.BatchResult[] getAudienceBatch(String communityId, List<String>
audienceIds)
```

Parameters

communityId

Type: String

ID of the Experience Cloud site.

audienceIds

Type: List<String>

The `ConnectApi.BatchResult.getResult()` method returns a `ConnectApi.Audience` object and errors for audiences that didn't load.

getAudiences(communityId, ipAddress, domain, userId, publishStatus, includeAudienceCriteria, targetTypes, recordId)

Get a list of assigned audiences that match the user context and record information.

API Version

51.0

Available to Guest Users

51.0

Requires Chatter

No

Signature

```
public static ConnectApi.AudienceCollection getAudiences(String communityId, String ipAddress,
String domain, String userId, ConnectApi.PublishStatus publishStatus, Boolean
includeAudienceCriteria, List<String> targetTypes, String recordId)
```

Parameters

communityId

Type: String

ID for an Experience Cloud site, `internal`, or `null`.

ipAddress

Type: String

IP address of the user. If `null`, no audiences with location criteria are returned.

domain

Type: String

Name of the user's Salesforce custom domain. If `null`, no audiences with domain criteria are returned.

userId

Type: String

ID of the user. If `null`, defaults to the ID of the context user.

publishStatus

Type: `ConnectApi.PublishStatus`

Publish status of the audience. Values are:

- `Draft`
- `Live`

If `null`, defaults to `Live`.

includeAudienceCriteria

Type: Boolean

Type: List<String>

Comma-separated list of target types to filter the results. Supported values include:

- ExperienceVariation (version 48.0 and later)
- Custom object API names, such as *CustomObjectName__c* (version 48.0 and later)
- NavigationLinkSet (version 49.0 and later)
- Topic (version 49.0 and later)
- CollaborationGroup (version 49.0 and later)
- KnowledgeArticle (version 49.0 and later)
- ContentDocument (version 49.0 and later)
- ManagedContent (version 49.0 and later)
- Report (version 49.0 and later)
- Dashboard (version 49.0 and later)

If null, all target types are returned.

recordId

Type: String

ID of the record for field based criteria. If null, all applicable audiences with field based criteria are returned.

Return Value

Type: ConnectApi.AudienceCollection

getAudiences(communityId, ipAddress, domain, userId, publishStatus, includeAudienceCriteria, targetTypes)

Get a list of assigned audiences that match the user context.

API Version

48.0

Available to Guest Users

48.0

Requires Chatter

No

Signature

```
public static ConnectApi.AudienceCollection getAudiences(String communityId, String ipAddress,
String domain, String userId, ConnectApi.PublishStatus publishStatus, Boolean
includeAudienceCriteria, List<String> targetTypes)
```

Parameters

communityId

Type: String

ID of the Experience Cloud site.

ipAddress

Type: String

IP address of the user. If null, no audiences with location criteria are returned.

userId

Type: String

ID of the user. If `null`, defaults to the ID of the context user.

publishStatus

Type: `ConnectApi.PublishStatus`

Publish status of the audience. Values are:

- `Draft`
- `Live`

If `null`, defaults to `Live`.

includeAudienceCriteria

Type: Boolean

Specifies whether to include audience criteria (`true`) or not (`false`). If unspecified, defaults to `false`.

targetTypes

Type: List<String>

Comma-separated list of target types to filter the results. Supported values include:

- `ExperienceVariation` (version 48.0 and later)
- Custom object API names, such as `CustomObjectName__c` (version 48.0 and later)
- `NavigationLinkSet` (version 49.0 and later)
- `Topic` (version 49.0 and later)
- `CollaborationGroup` (version 49.0 and later)
- `KnowledgeArticle` (version 49.0 and later)
- `ContentDocument` (version 49.0 and later)
- `ManagedContent` (version 49.0 and later)
- `Report` (version 49.0 and later)
- `Dashboard` (version 49.0 and later)

If `null`, all target types are returned.

Return Value

Type: `ConnectApi.AudienceCollection`

getTarget(communityId, targetId)

Get a target.

API Version

48.0

Available to Guest Users

48.0

Requires Chatter

No

communityId

Type: String

ID of the Experience Cloud site.

targetId

Type: String

ID of the target.

Return Value

Type: `ConnectApi.Target`

getTargetBatch(communityId, targetIds)

Get target information for a comma-separated list of target IDs.

API Version

48.0

Available to Guest Users

48.0

Requires Chatter

No

Signature

```
public static ConnectApi.BatchResult[] getTargetBatch(String communityId, List<String>
targetIds)
```

Parameters

communityId

Type: String

ID for an Experience Cloud site, `internal`, or `null`.

targetIds

Type: List<String>

Comma-separated list of target IDs.

Return Value

Type: ConnectApi.BatchResult

The `ConnectApi.BatchResult.getResult()` method returns a ConnectApi.Target object and errors for targets that didn't load.

getTargets(communityId, ipAddress, domain, userId, publishStatus, recordId, targetTypes, includeAudience, includeAllMatchingTargetsWithinGroup, groupNames)

Get a list of targets that match the user context, based on the assigned audiences that include the user.

API Version

Requires Chatter

No

Signature

```
public static ConnectApi.TargetCollection getTargets(String communityId, String ipAddress,
String domain, String userId, ConnectApi.PublishStatus publishStatus, String recordId,
List<String> targetTypes, Boolean includeAudience, Boolean
includeAllMatchingTargetsWithinGroup, List<String> groupNames)
```

Parameters

communityId

Type: String

ID of the Experience Cloud site.

ipAddress

Type: String

IP address of the user. If `null`, no audiences with location criteria are returned.

domain

Type: String

Name of the user's Salesforce custom domain. If `null`, no audiences with domain criteria are
returned.

userId

Type: String

ID of the user. If `null`, the default is the ID of the context user.

publishStatus

Type: `ConnectApi.PublishStatus`

Publish status of the target. Values are:

- `Draft`
- `Live`

recordId

Type: String

ID of the record, if you want to specify field based criteria in audiences.

targetTypes

Type: List<String>

Comma-separated list of target types to filter the results. Supported values include:

- `ExperienceVariation` (version 48.0 and later)
- Custom object API names, such as `CustomObjectName__c` (version 48.0 and later)
- `NavigationLinkSet` (version 49.0 and later)
- `Topic` (version 49.0 and later)
- `CollaborationGroup` (version 49.0 and later)
- `KnowledgeArticle` (version 49.0 and later)
- `ContentDocument` (version 49.0 and later)
- `ManagedContent` (version 49.0 and later)

includeAudience

Type: Boolean

Specifies whether to include the matching audience (`true`) or not (`false`). If `null`, the default is `false`.

includeAllMatchingTargetsWithinGroup

Type: Boolean

Specifies whether to include all the matching targets within a target group (`true`) or not (`false`). If `null`, the default is `false`. If `false`, the first matching target within each group, based on priority within the group, is returned.

groupNames

Type: List<String>

A comma-separated list of group names. Groups bundle related target and audience pairs.

Return Value

Type: `ConnectApi.TargetCollection`

updateAudience(communityId, audienceId, audience)

Update an audience.

API Version

48.0

Requires Chatter

No

Signature

```
public static ConnectApi.Audience updateAudience(String communityId, String audienceId,
ConnectApi.AudienceInput audience)
```

Parameters

communityId

Type: String

ID of the Experience Cloud site.

audienceId

Type: String

ID of the audience.

audience

Type: `ConnectApi.AudienceInput`

A `ConnectApi.AudienceInput` object that defines the updates to the audience.

Return Value

Type: `ConnectApi.Audience`

updateTargets(communityId, target)

Requires Chatter

No

Signature

```
public static ConnectApi.TargetCollection updateTargets(String communityId,
ConnectApi.TargetCollectionUpdateInput target)
```

Parameters

communityId

Type: String

ID of the Experience Cloud site.

target

Type: `ConnectApi.TargetCollectionUpdateInput`

A `ConnectApi.TargetCollectionUpdateInput` object that defines the updates for the targets.

Return Value

Type: `ConnectApi.TargetCollection`

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