



Overview

The Chatter REST API provides access to Chatter feeds and social data such as users, groups, and followers. It returns data in JSON or XML format.

Construct the URL

To access the Chatter REST API resources, specify a base URI for your company, version information, and the resource. For example, if the base URI is this:
`https://na1.salesforce.com`

And the version information is this:
`/services/data/v29.0`

And you're using the following resource:
`/chatter/feeds/news/me/feed-items`

Put together, the full URL to the resource is:
`https://na1.salesforce.com/services/data/v29.0/chatter/feeds/news/me/feed-items`

Authentication

Chatter REST API uses OAuth 2.0 for authentication. The return from a successful authentication includes an access token, which can be used for subsequent calls to the Chatter REST API resources by embedding it in an Authorization header, for example:
`Authorization: OAuth <token>`

Salesforce supports the Web server and user-agent OAuth flows.

Post a Feed Item

To update the status of the logged-in user, use the news feed or the record feed resources. To update the status of another user, use the user profile feed resource.

This example posts a feed item to the logged-in user's feed using the news feed resource:

```
/chatter/feeds/news/me/feed-items?text=New+post
```

This example posts a feed item to another user's feed using the user profile feed resource:

```
/chatter/feeds/user-profile/005D0000001GLowIAN/feed-items?text=New+post
```

Like a Feed Item

To like a feed item, make a POST request to the `/chatter/feed-items` resource and specify the feed item ID:

```
/chatter/feed-items/0D5D0000000DaZBKA0/likes
```

Follow Records

Use the users resource to follow a specific record. A record can be any object in Salesforce, such as a custom record, a file, a user, and so on.

To follow a record, use POST with the `subjectId` request parameter. This example follows a user:

```
/chatter/users/me/following?subjectId=005D0000001GpHp
```

Unfollow Records

Use the subscriptions resource to unfollow a record. You must use the subscription ID with the subscriptions resource. To get subscription IDs, use the following resource and specify a user ID:

```
/chatter/users/005D0000001GpHp/following
```

To unfollow a record, make a DELETE request to this resource and specify the subscription ID:

```
/chatter/subscriptions/0E8D00000001JkFKAU
```

Add Comments

To add a comment to a feed item, use the feed items resource, specify the feed item ID, and pass the comment in a `text` parameter:

```
/chatter/feed-items/0D5D0000000DaSbKAK/comments?text=New+post
```

Message Segments

Feed item bodies and comment bodies are made up of an array of rich text elements called "message segments." There are several types of message segments: text, hashtag, link, mention, and so on.

To render a feed item or a comment, render the array of message segments in order. Format message segments according to their type. For example, for a mention segment, you could prefix the mention with an "@" symbol and make the user name a link to the user's profile.

All message segments have a `text` property. Use the `text` property as the default case when a client doesn't recognize a message segment type.

Feeds Resources

There are many types of feeds, such as news, user profile and record.

To access most feeds, use the alias `me` or a user ID, such as `005D0000001GLowIAN`.

```
/chatter/feeds/files/me
/chatter/feeds/groups/me
/chatter/feeds/user-profile/005D0000001GLowIAN
```

All feeds have a `/feed-items` resource that returns the feed items for that feed. For example, to return the feed items for the current user's news feed, make a GET request to the following resource:

```
/chatter/feeds/news/me/feed-items
```

To get feed items from all groups the logged-in user owns or is a member of, use the groups feed resource:

```
/chatter/feeds/groups/me/feed-items
```

To get feed items from a specific group, use the record feed resource with the group ID:

```
/chatter/feeds/record/0F9D00000004CD5KAM/feed-items
```

Groups

These are some of the Chatter REST API resources for working with groups:

To get a list of all groups in an organization, make a GET request to this resource:

```
/chatter/groups
```

To get information about a specific group use this resource with a group ID:

```
/chatter/groups/0F9D000000006bOKAQ
```

To add a member to a group, use the `/groups` resource and POST with the group ID, the `userId` request parameter, and the specified user ID.

```
/chatter/groups/0F9D000000006bOKAQ/members?userId=005D0000001GLowIAB
```

To post to a group, POST to the `/feeds/record` resource and specify the group ID, and the `text` request parameter. For example:

```
/chatter/feeds/record/0F9D000000006bO/feed-items
?text=Has+everyone+seen+the+latest+building+proposal?
```

Pagination

Feeds, lists of groups or records a user is following, and other resources may return more items than can be contained in a single page. The response for these collections contains a `currentPageUrl` and a `nextPageUrl` property. The `currentPageUrl` contains a URL that points to the current page of items, while the `nextPageUrl` contains the URL for the next page of items.

The following is an example return from a news feed:

```
{
  "currentPageUrl": "/services/data/v25.0/chatter/feeds/news/005x0000001j2OwAAI/feed-items",
  "nextPageUrl": "/services/data/v25.0/chatter/feeds/news/005x0000001j2OwAAI/feed-items?page=2013-01-25T00%3A35%3A01Z%2C0D5D000000JnAaKAK"
}
```

The second page of items contains a new value for `nextPageUrl`. To page through the feed items, use the URL from each subsequent page. There are no more pages when `nextPageUrl` is null.

Post a Feed Item with @mention

To post a feed item that @mentions a user, use a request body that contains a mention message segment.

Post the request body to the news feed, record feed, or user profile feed, for example:

```
/chatter/feeds/user-profile/{userId}/feed-items
{ "body" :
  {
    "messageSegments" : [
      {
        "type": "mention",
        "id" : "005D0000001GpHp"
      },
      {
        "type": "text",
        "text" : " Did you see the new plans?"
      }
    ]
  }
}
```

Resources

These are some of the Chatter REST API resources:

| Resource | Description |
|---------------------------------------|--|
| <code>/chatter/comments</code> | Get information about a comment, delete a comment, and like a comment. |
| <code>/chatter/feed-items</code> | Information about feed items. Access, search, delete, bookmark, and like feed items. Access and post comments. Access and vote in polls. Access, add, and remove topics. |
| <code>/chatter/feeds</code> | A list of all of the feeds the logged-in user is able to view. |
| <code>/chatter/feeds/bookmarks</code> | Feed items saved as bookmarks by the logged-in user. |
| <code>/chatter/feeds/company</code> | All feed items and comments from an entire company. |
| <code>/chatter/feeds/favorites</code> | A feed containing favorites saved by the logged-in user. Favorites are feed searches, list views, and topics that the logged-in user has added as a Chatter favorite. |

Resources (continued)

| Resource | Description |
|--|---|
| <code>/chatter/feeds/files</code> | A feed containing all the feed items that contain files posted by people or groups that the logged-in user follows. |
| <code>/chatter/feeds/filter</code> | The filter feed is the news feed filtered to contain feed items whose parent is a specified object type. |
| <code>/chatter/feeds/groups</code> | All feed items from all groups the logged-in user either owns or is a member of. |
| <code>/chatter/feeds/news</code> | All feed items from all groups the logged-in user either owns or is a member of, as well as from all files, records, and users the logged-in user follows. Use this resource to get information about the feed items and to post feed items. |
| <code>/chatter/feeds/people</code> | All feed items posted by all of the people the logged-in user follows. |
| <code>/chatter/feeds/record</code> | The feed of the specified record, which could be a group, person, object, file and so on. You can post a feed item to this feed. To post a feed item to a specific group, use this feed. |
| <code>/chatter/feeds/to</code> | Feed of all @mentions of the logged-in user and posts others make to the logged-in user's feed. |
| <code>/chatter/feeds/user-profile</code> | Contains feed items created when a user changes records that can be tracked in a feed, feed items whose parent is the user, and feed items that @mention the user. This feed is different than the news feed, which returns more feed items. To post a feed item to a user's profile, use this feed. |
| <code>/chatter/files</code> | Information about the specified file, including content, rendered version, and sharing. |
| <code>/chatter/groups</code> | Information about groups, such as the group's members, photo, and the groups the current user is following. Use to add members to a group and change the group photo. This resource is not a feed. To get the feed for a specific group, use the record feed resource: <code>/chatter/feeds/record/{groupId}/feed-items</code> . |
| <code>/chatter/likes</code> | Get information about a like or delete a like. |
| <code>/chatter/records</code> | Information about the specified record. This resource is not a feed. To access a record feed, use the <code>/chatter/feeds/record</code> resource. |
| <code>/chatter/subscriptions</code> | Information about the specified subscription. Also used to delete a subscription, for example, to unfollow a record. |
| <code>/chatter/users</code> | Information about the user, such as who is following the user, user messages, and recommendations. |
| <code>/connect/organization</code> | Information about the logged-in user's organization and settings. |
| <code>/connect/topics</code> | List of topics for the organization, list of suggested topics for a specified string of text or feed item, list of trending topics for the organization, information about a specified topic, information about the files posted recently to a specified topic, information about the groups recently contributing to a specified topic, and list of topics related to a specified topic. |