

Feeds

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Content Feed

This feed returns a paged list of content. It contains several data elements: Pictures, Posts, Topics, News, Videos and Events. Returned content can belong to a community or to a user, but no lists can contain content that belongs to different owner types.

Content in the returned list can be sorted by using the following rules:

- Creation date (default)
- Popularity – one of the following:

	Rating Gain	Rating Thumb	Rating 5 star	Number of comments	Number of views	Number of shares
Today	+	+	+	+	+	+
Last Week	+	+	+	+	+	+
Last Month	+	+	+	+	+	+
Lifetime	+	+	+	+	+	+

- Events can be sorted by Event date
- Topics can be sorted by most recent post date (either topic or comment)
- Shuffle – additional sort parameter, allows shuffling of the returned data. Default value is disabled.

Content can be filtered by specifying a category. Content can be filtered by whether it is editorial or not. Content can be filtered by creation date using predefined date ranges. Content can be searched by specifying free text.

Common properties

Property	Code	Jscript (JSON)	FML	XML
UCID	var.Ucid	var.Ucid	<item-content-ucid>	../entry/ucid
Title	var.Title	var.Title	<item-content-title>	../entry/title
Created Date	var.DateCreated	var. DateCreated	<item-content-dateCreated>	../entry/dateCreated
Alias	var.Alias	var.Alias	<item-content-alias>	../entry/alias
Visibility	var.Visibility	var.Visibility		../entry/visibility
Is Deleted	var.IsDeleted	var.IsDeleted		../entry/isdeleted
Creator Ucid	var.Creator.Ucid	var.Creator.Ucid	<item- content - creator-ucid>	../entry/creator/ucid
Creator Name	var.Creator.Title	var.Creator.Title	<item- content - creator-title>	../entry/creator/title
Creator Login Name	var.Creator.LoginName	var.Creator.LoginName	<item-content-creator-loginName>	../entry/creator/loginName
Creator Profile link	var.Creator.ProfileUrl	var.Creator.ProfileUrl	<item- content - creator-profileUrl>	../entry/creator/profileUrl
Creator very small thumbnail link (25x25)	var.Creator.Thumbnails.VerySmall	var.Creator.Thumbnails.VerySmall		../entry/creator/thumbnails/verySmall
Creator	var.Creator.Thumbnail	var.Creator.Thumbn		../entry/creator/thumb

small thumbnail link (50x50)	s.Small	ails.Small		nails/small
Creator medium thumbnail link (70x70)	var.Creator.Thumbnail s.Medium	var.Creator.Thumbnails.Medium		../entry/creator/thumbnails/medium
Creator large thumbnail link (90x90)	var.Creator.Thumbnail s.Large	var.Creator.Thumbnails.Large		../entry/creator/thumbnails/large
Creator very large thumbnail link (120x120)	var.Creator.Thumbnail s.VeryLarge	var.Creator.Thumbnails.VeryLarge		../entry/creator/thumbnails/veryLarge
Creator custom thumbnail link	var.Creator.Thumbnail s.Custom(size)	-	<item-content-creator-thumbnailUrl size=size>	-
Detail link	var.DetailUrl	var. DetailUrl	<item-content-detailUrl>	../entry/detailUrl
Number of comments	var.NumberOfComments	var.NumberOfComments	<item-content-numberOfComments>	../entry/numberOfComments
Number of shares	var.NumberOfShares	var.NumberOfShares	<item-content-numberOfShares>	../entry/numberOfShares
Number of views	var.NumberOfViews	var.NumberOfViews	<item-content-numberOfViews>	../entry/numberOfViews
Rating Gain	var.Rating.ThumbUp	var.Rating.ThumbUp	<item-content-rating-thumbUp>	../entry/rating/thumbUp
Rating Thumb	var.Rating.ThumbUpDown	var.Rating.ThumbUpDown	<item-content-rating-thumbUpDown>	../entry/rating/thumbUpDown
Rating Thumb Up count	var.Rating.NumberOfThumbUp	var.Rating.NumberOfThumbUp		../entry/rating/numberOfThumbUp
Rating Thumb Down count	var.Rating.NumberOfThumbDown	var.Rating.NumberOfThumbDown		../entry/rating/numberOfThumbDown
Rating 5 star	var.Rating.FiveStar	var.Rating.FiveStar	<item-content-rating-fiveStar>	../entry/rating/fiveStar
Very small thumbnail link	var.Thumbnails.VerySmall	var.Thumbnails.VerySmall		../entry/thumbnails/verySmall

(25x25)				
Small thumbnail link (50x50)	var.Thumbnails.Small	var.Thumbnails.Small		../entry/thumbnails/small
Medium thumbnail link (70x70)	var.Thumbnails.Medium	var.Thumbnails.Medium		../entry/thumbnails/medium
Large thumbnail link (90x90)	var.Thumbnails.Large	var.Thumbnails.Large		../entry/thumbnails/large
Very large thumbnail link (120x120)	var.Thumbnails.VeryLarge	var.Thumbnails.VeryLarge		../entry/thumbnails/veryLarge
Custom thumbnail link	var.Thumbnails.Custom(size)	-	<item-content-thumbnailUrl size=size>	-

Additional Properties for text types – Posts, News, Topics

Property	Code	Jscript (JSON)	FML	XML
Message	var.Message	var.Message	<item-textContent-message>	../entry/message

Additional Properties for Topics

Property	Code	Jscript (JSON)	FML	XML
Last post creation date	var.LastPost.DateCreated	var.LastPost.DateCreated	<item-topicContent-lastPost-dateCreated>	../entry/lastPost/dateCreated
Last post creator's title	var.LastPost.Creator.Title	var.LastPost.Creator.Title	<item-topicContent-lastPost-creator-title>	../entry/lastPost/creator/title
Last post creator's login name	var.LastPost.Creator.LoginName	var.LastPost.Creator.LoginName	<item-topicContent-lastPost-creator-loginName>	../entry/lastPost/creator/loginName
Last post creator's profile url	var.LastPost.Creator.ProfileUrl	var.LastPost.Creator.ProfileUrl	<item-topicContent-lastPost-creator-profileUrl>	../entry/lastPost/creator/profileUrl
Last post creator very small thumbnail link (25x25)	var.LastPost.Creator.Thumbnails.VerySmall	var.LastPost.Creator.Thumbnails.VerySmall		../entry/lastPost/creator/thumbnails/verySmall
Last post creator small	var.LastPost.Creator.Thumbnails.Small	var.LastPost.Creator.Thumbnails.Small		../entry/lastPost/creator/thumbnails/small

thumbnail link (50x50)				
Last post creator medium thumbnail link (70x70)	var.LastPost.Creator.Thumbnails.Medium	var.LastPost.Creator.Thumbnails.Medium		../entry/lastPost/creator/thumbnails/medium
Last post creator large thumbnail link (90x90)	var.LastPost.Creator.Thumbnails.Large	var.LastPost.Creator.Thumbnails.Large		../entry/lastPost/creator/thumbnails/large
Last post creator very large thumbnail link (120x120)	var.LastPost.Creator.Thumbnails.VeryLarge	var.LastPost.Creator.Thumbnails.VeryLarge		../entry/lastPost/creator/thumbnails/veryLarge
Last post creator custom thumbnail link	var.LastPost.Creator.Thumbnails.Custom(size)	-	<item-topicContent-lastPost-creator-thumbnailUrl size=size>	-
Is Topic Sticky	var.IsSticky	var.IsSticky	<item-topicContent-isSticky>	../entry/isSticky
Is Topic Locked	var.IsLocked	var.IsLocked	<item-topicContent-isLocked>	../entry/isLocked

Additional Properties for Events

Property	Code	Jscript (JSON)	FML	XML
Event Date	var.EventDate	var.EventDate	<item-eventContent-eventDate>	../entry/eventDate
Event Address	var.Address	var.Address	<item-eventContent-address>	../entry/address
Event Venue	var.Venue	var.Venue	<item-eventContent-venue>	../entry/venue
Event Link	var.Link	var.Link	<item-eventContent-link>	../entry/link

Additional Properties for Videos

Property	Code	Jscript (JSON)	FML	XML
Video Type	var.VideoType	var.VideoType		../entry/videoType
ISrc	var.ISrc	var.ISrc		../entry/isrc
Player Id	var.PlayerId	var.PlayerId		../entry/playerId
Embed Html	var.EmbedCode	var. EmbedCode		../entry/embedCode

Video source link	var.VideoSourceUrl	var.VideoSourceUrl		../entry/videoSourceUrl
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Additional Properties for Audio

Property	Code	Jscript (JSON)	FML	XML
Running time	var.RunningTime	var.RunningTime	<item-audioContent-runningTime>	../entry/runningTime

Additional Properties for Albums

Property	Code	Jscript (JSON)	FML	XML
Number of elements	var.NumberOfElements	var.NumberOfElements	<item-albumContent-numberOfElements>	../entry/numberOfElements

For videos, the returned thumbnails have different sizes:

- Very Small: 33x25
- Small: 67x50
- Medium: 93x70
- Large: 120x90
- Very Large: 140x105

Access string

To get any content list, the access string should be provided.

Community content:

- `/feeds/{element}/0{creator_ucid}/-/{category}/type/{album_type}/alias/{alias_name}?editorial={false|true}&sort={sortOrder}&date-range={date-range}&t={tag term}&start-index={startIndex}&max-results={maxResults}&q={searchTerm}&shuffle={shuffle value}&official={false|true}` - gets a list of content on the community. **Bold** means default values.
- `{element}` can take the following values
 - pictures
 - news
 - topics
 - videos
 - posts
 - events
 - audio
 - albums
 - contests
 - groups
 - links
 - misc - allows to return content of special redirect type.
- `{creator_ucid}` is an optional parameter, allows filtering of returned content by creator. It should follow '0'.
- `{category}` is a name of the category to filter content. It is an optional parameter. If it exists, it should follow `/-/`.

- {album_type} is an optional parameter, allows filtering by type of the album. It can be applied only to albums. If it exists, it should follow /type/. It can take the following values
 - music
 - picture
- {alias_name} is an optional parameter, allows filtering by specifying alias name. All content items that have the specified element type and alias will be returned.
- {date-range} is an optional parameter, allows filtering by creation date. It can take the following values
 - today
 - week
 - month
- {tag term} is a string value to filter content by tags assigned to it
- {sortOrder} can take the following values
 - creationDate
 - eventDate (Events only)
 - mostRecentTopicActivity (Topics only)
 - rating
 - numberOfComments
 - numberOfViews
 - numberOfShares
 - ordered (Groups only)
 - groupMemberCount (Groups only)
- all popularity sorts (from rating to numberOfShares) require additional time parameter to be specified
 - today
 - week
 - month
 - lifetime
- the rating sort represents the current community setting for the voting. For example, if the community has ThumbUp voting system, the rating sort will mean ordering content by the number of votes.
- time parameter must follow the sort parameter and use ':' as delimiter, for example, 'sort= rating:week'.
- sort parameter can be followed the order: asc or desc. For example, 'sort=rating:week:desc'
- shuffle is optional. If it is specified, the result set will be shuffled and only {shuffle value} elements will be returned. This value should be less or equal to {maxResults}.
- {date-range} can take the following values
 - alltime
 - today
 - week
 - month

Group content:

Group content can be one of two types: "shared" or "owned". For shared content only common content properties can be returned, for owned content – full content type specific properties. For both types the result will be filtered by content type, it's also possible to get mixed shared content. There is no any sorting for both types. The returned list is always sorted by created/shared date.

- /feeds/{element}/0{group_ucid}/group{source}/?start-index={startIndex}&max-results={maxResults}
- {element} can take the following values

- pictures - shared only
- news - owned only
- topics - owned only
- videos - shared only
- posts - owned only
- events - owned only
- audio - shared only
- links - shared only
- {group_ucid} is mandatory parameter.
- {source} determines what type of content should be returned:
 - owned
 - shared

Personal content:

No content type specific properties returned for personal content, only common content properties.

- /feeds/{element}/0{creator_ucid}/my{source}/?start-index={startIndex}&max-results={maxResults} - get a list of personal content. The {creator_ucid} parameter is mandatory and it should be followed by /my/. All other parameters are the same, but there are no free search and editorial filtering.
- {element} can also be 'feeds' besides standard values.
- {source} is an optional parameter. It determines what items are returned
 - created - all content, created by a user
 - favorited - all content that a user added to the feed
 - all - content either created or added

To determine the community to work with:

- FML - the current community is always used
- HTTP - the special URL format is used:
 - http://daapi.flux.com/2.0/00001/{format}/{ucid}/{access_string} - {format} determines the output data type; it can be XML or JSON; {ucid} is target community ucid.

User Feed Content Feed

This feed returns a paged list of content which belongs to a user profile feed. It can return several data elements: Pictures, Posts, Topics, News, Videos and Events; or all content from feed. Since user feeds contain content in user-determined order, there are no sorting options available.

Available properties are the same common properties as for other content feeds. No content type specific properties returned.

Access string

To get content list, the access string should be provided.

- /feeds/{element}/0{creator_ucid or feed_ucid}/myprofile/-/{user feed title}/?start-index={startIndex}&max-results={maxResults} - gets a list of content on the community.

- {creator_ucid} is mandatory and it should be followed by /myprofile/.
- Instead of providing creator ucid, it's possible to use feed ucid in the same place. In this case the title parameter should not be provided and will be ignored.
- {user feed title} is optional; it specifies the user feed to get content from. If it is omitted, the default user feed is used. If it exists, it should follow /-/.
- {element} can take the following values
 - all - return mixed content of the feed.
 - pictures
 - news
 - topics
 - videos
 - posts
 - events
 - audio
 - links

Envelope

Container of the list for the customers, who use http to get data, contains additional data – Ucid of the feed.

Common properties

Property	Code	Jscript (JSON)	FML	XML
UCID	var.Ucid	var.Ucid		../ucid

Single Content Feed

This feed returns information about single piece of content.

Common properties

The most of the returned properties are the same as for list feeds.

Additional common properties

Property	Code	Jscript (JSON)	FML	XML
Categories (collection)				
Category Id	var.Categories[n].Id	var.Categories[n].Id		../contentDetail/Categories/entry/id
Category Title	var.Categories[n].Title	var.Categories[n].Title		../contentDetail/Categories/entry/title
OriginalUri	var.OriginalUri	var.OriginalUri		../contentDetail/originalUri
Permalink	var.Permalink	var.Permalink		../contentDetail/permalink
Description	var.Description	var.Description		../contentDetail/description
Albums (collection)	var.Albums[n]	var.Albums[n]		../contentDetail/albums/entry

Additional properties for Albums

Property	Code	Jscript (JSON)	FML	XML
Elements (collection)	var.Elements[n]	var.Elements[n]		../contentDetail/elements/

Additional properties for Videos and Audio

RightsStatus	var.RightsStatus	var.RightsStatus		../entry/rightStatus
Distributor	var.Distributor	var.Distributor		../entry/distributor

Additional properties for Videos

Property	Code	Jscript (JSON)	FML	XML
Duration	var.Duration	var.Duration		../entry/duration
Width	var.Width	var.Width		../entry/width
Height	var.Height	var.Height		../entry/height

Additional properties for Audio

Property	Code	Jscript (JSON)	FML	XML
Audio source	var.AudioSourceUrl	var.AudioSourceUrl		../entry/audioSourceUrl
Album name	var.AlbumName	var.AlbumName		../entry/albumName
Released date	var.ReleasedDate	var.ReleasedDate		../entry/releasedDate

The Album collection indicates the list of albums containing the content item. This collection is optional and returned only by specifying additional parameter in access string. Each element in this collection contains common album properties as any other list feed.

The Elements collection for album represents a list of content items included into the album. It has the same properties as any other list of content described above. This collection is optional and returned only by specifying additional parameter in access string. Each element in this collection contains common content properties as any other list feed.

Access string

To get detailed content information, the access string should be provided.

- `/feeds/content/0{content_ucid}/?includeAlbums={false|true}&start-index={startIndex}&max-results={maxResults}`
- `{content_ucid}` is mandatory and it should follow '0'.
- `includeAlbums` determines if album information should be included.

Contests. To get contests without additional information, use the generic access string. To get contests with a list of items included into it, use the following access string. TODO – returned elements.

- `/feeds/contests/0{content_ucid}/elements/-/alias/{aliasName}/{CategoryId}/?start-index={startIndex}&max-results={maxResults}&sort-order={sort-order}&shuffle={shuffle}`
- `{content_ucid}` is mandatory and it should follow '0'.
- `{aliasName}` is an optional parameter. It allows filtering returned elements.
- `{categoryId}` is an optional parameter. It allows filtering returned elements. It should be category assigned to content, not to the contents itself.
- `{sort-order}` is an optional parameter. Default value is 'rating'.
- `{shuffle}` is an optional parameter. Default value equals `{max-results}`.

`elements` is mandatory; This element might be followed by paging parameters to determine how to return nested items.

Albums. To get albums without additional information, use the generic access string. To get albums with a list of items included into it, use the following access string.

- `/feeds/albums/0{content_ucid}/elements?start-index={startIndex}&max-results={maxResults}`
- `{content_ucid}` is mandatory and it should follow '0'.
- `elements` is mandatory; This element might be followed by paging parameters to determine how to return nested items.

Widgets compatibility

To use this DAAPI in widgets which do not have content ucid, but content permalink, skip the `{ucid}` parameter in access string and provide additional `{q}` parameter with permalink. This will initiate discovering process for the permalink:

```
/feeds/content/?q=mgid:uma:content:shared:1234
```

Category Feed

This feed returns a paged list of categories for content type specified. The list can be sorted by title, number of elements or by predefined position. There is no any filtering available.

Properties

Property	Code	Jscript (JSON)	FML	XML
Id	var.Id	var.Id	<item-category-id>	../entry/id
Title	var.Title	var.Title	<item-category-title>	../entry/title
Description	var.Description	var.Description	<item-category-description>	../entry/description
Number of elements in this category	var.NumberOfElements	var.NumberOfElements	<item-category-numberOfElements>	../entry/numberOfElements
Hidden (true/false)	var.Hidden	var.Hidden		../entry/hidden
Official (true/false)	var.Official	var.Official		../entry/official
DisplayInCategories (true/false)	var.DisplayInCategories	var.DisplayInCategories		../entry/displayInCategories
DisplayForUpload (true/false)	var.DisplayForUpload	var.DisplayForUpload		../entry/displayForUpload
UgcUploadOnly (true/false), except topic categories	var.UgcUploadOnly	var.UgcUploadOnly		../entry/ugcUploadOnly
Very small thumbnail link (25x25)	var.Thumbnails.VerySmall	var.Thumbnails.VerySmall		../entry/thumbnails/verySmall
Small thumbnail link (50x50)	var.Thumbnails.Small	var.Thumbnails.Small		../entry/thumbnails/small
Medium thumbnail link (70x70)	var.Thumbnails.Medium	var.Thumbnails.Medium		../entry/thumbnails/medium
Large thumbnail link (90x90)	var.Thumbnails.Large	var.Thumbnails.Large		../entry/thumbnails/large
Very large thumbnail link (120x120)	var.Thumbnails.VeryLarge	var.Thumbnails.VeryLarge		../entry/thumbnails/veryLarge
Custom thumbnail link	var.Thumbnails.Custom(size)	-	<item-category-thumbnailUrl size=size>	-

Additional Properties for Topic Categories

Property	Code	Jscript (JSON)	FML	XML
IsLocked (true/false)	var.IsLocked	var.IsLocked		../entry/isLocked
Last post creation date	var.LastTopic.LastPost.DateCreated	var.LastTopic.LastPost.DateCreated	<item-topicCategory-lastPost-dateCreated>	../entry/lastTopic/lastPost/dateCreated
Last post title	var.LastTopic.Title	var.LastTopic.Title	<item-topicCategory-lastPost-title>	../entry/lastTopic/title
Last post detail link	var.LastTopic.DetailUrl	var.LastTopic.DetailUrl	<fx:item-topicCategory-lastPost-detailUrl>	../entry/lastTopic/detailUrl
Last post creator's ucid	var.LastTopic.LastPost.Creator.Ucid	var.LastTopic.LastPost.Creator.Ucid	<item-topicCategory-lastPost-creator-ucid>	../entry/lastTopic/lastPost/creator/ucid
Last post creator's title	var.LastTopic.LastPost.Creator.Title	var.LastTopic.LastPost.Creator.Title	<item-topicCategory-lastPost-creator-title>	../entry/lastTopic/lastPost/creator/title
Last post creator's profile url	var.LastTopic.LastPost.Creator.ProfileUrl	var.LastTopic.LastPost.Creator.ProfileUrl	<item-topicCategory-lastPost-creator-profileUrl>	../entry/lastTopic/lastPost/creator/profileUrl
Last post creator very small thumbnail link (25x25)	var.LastTopic.LastPost.Creator.Thumbnails.VerySmall	var.LastTopic.LastPost.Creator.Thumbnails.VerySmall		../entry/lastTopic/lastPost/creator/thumbnails/verySmall
Last post creator small thumbnail link (50x50)	var.LastTopic.LastPost.Creator.Thumbnails.Small	var.LastTopic.LastPost.Creator.Thumbnails.Small		../entry/lastTopic/lastPost/creator/thumbnails/small
Last post creator medium thumbnail link (70x70)	var.LastTopic.LastPost.Creator.Thumbnails.Medium	var.LastTopic.LastPost.Creator.Thumbnails.Medium		../entry/lastTopic/lastPost/creator/thumbnails/medium
Last post creator large thumbnail link (90x90)	var.LastTopic.LastPost.Creator.Thumbnails.Large	var.LastTopic.LastPost.Creator.Thumbnails.Large		../entry/lastTopic/lastPost/creator/thumbnails/large
Last post creator very large thumbnail link (120x120)	var.LastTopic.LastPost.Creator.Thumbnails.VeryLarge	var.LastTopic.LastPost.Creator.Thumbnails.VeryLarge		../entry/lastTopic/lastPost/creator/thumbnails/veryLarge
Last post creator custom thumbnail	var.LastTopic.LastPost.Creator.Thumbnails.Custom(size)	-	<item-topicContent-lastPost-creator-thumbnailUrl size=size>	-

link				
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Access string

- `/feeds/categories/{sub-element}/?start-index={startIndex}&max-results={maxResults}&sort={sortOrder}&shuffle={shuffle value}&include={empty,hidden,official}`
- `{sub-element}` can take the following values
 - pictures
 - news
 - topics
 - videos
 - posts
 - events
 - audio
 - albums
 - links
- `{sortOrder}` is an optional parameter. It can take the following values
 - title
 - numberOfElements (default value)
 - ordered (uses predefined order in database to sort)
- `{sortOrder}` can accept additional order parameter, followed by `':'`.
- `{empty,hidden,official}` is an optional parameter. By default, only categories, that have at least one content item, are returned. Empty includes categories without any content into returned list; Hidden and Official include categories with corresponding flags set. These parameters can be combined together via `','` as separator.

To get individual category by Id or Title, use the following:

- `/feeds/category/{sub-element}/-/{@categoryId_or_title}`

This feed returns the same fields as a list of categories.

Tag Feed

This feed returns a list of most popular tags for content type specified. There is no any filtering or sorting available. The weight is normalized property of the tag based on requested number of tags in the list.

Properties

Property	Code	Jscript (JSON)	FML	XML
Title	var.Title	var.Title		../entry/title
Weight	var.Weight	var.Weight		../entry/weight
Number of elements in this tag	var.NumberOfElements	var.NumberOfElements		../entry/numberOfElements

Access string

- `/feeds/tags/{sub-element}/? max-results={maxResults}`
- `{sub-element}` can take the following values
 - pictures
 - news
 - topics
 - videos
 - posts
 - events
 - audio
 - albums
 - links

Number of elements

This is not a feed. It allows getting a number of elements of the certain type. To use it, replace `/Feeds/` in any DAAPI requests to `/Number/`. This cannot be applied to individual feeds. Currently supported only the following requests:

- `/number/{element}/` - the number of items of the specified type in the community
- `{element}` can take the following values
 - `groups`
- `/number/categories/{sub-element}/` - the number of categories of the specified type in the community
- `{sub-element}` can take the following values
 - `groups`
 - `topics`