

xhr message format

Fetch app uses multiple xhr message endpoints and formats to accomplish various features and functionality. They are as follows:

/check_email

Checks an email address's validity in use for a new user account. Used for validating the email address entered in the registration page.

Parameters:

This endpoint takes in GET parameters

- `this_email`: the email to be checked

Example: `/check_email?this_email=jsmith@example.com`

Response:

This endpoint returns JSON with the following keys

- `eval`: the validity of the supplied email address
 - 0: supplied email is invalid
 - 1: supplied email is valid
- `msg`: the reason for the eval
 - "This email could be used": supplied email can be used for a new user account
 - "Email address taken": supplied email is already in use by another user
 - "Invalid email address": supplied email address is not correctly formatted

Example: `{"eval":0,"msg":"Email address taken"}`

/stocks

Looks up a given string and returns up to 10 matching stock symbols and companies.

Parameters:

This endpoint takes in GET parameters

- `q`: the string to look up

Example: `/stocks?q=aapl`

Response:

This endpoint returns JSON array containing entries with the following keys

- `name`: the name of the company
- `symbol`: the stock symbol of the company

Example: `[{"name":"Apple Inc.,"symbol":"AAPL"}]`

[/add_fav](#)

Looks up a given string for a matching stock symbol and adds it to the current logged in user's pinned stocks.

Parameters:

This endpoint takes in GET parameters

- fav: the string to look up

Example: `/add_fav?fav=aapl`

Response:

This endpoint returns JSON containing a string with the result of the request

- Failure responses
 - "failed: not logged in": no currently logged in user
 - "failed: stock invalid": no matching stock
 - "failed: already exists": stock already pinned for current user
- Success response
 - "success: added": stock successfully pinned

Example: "success: added"

[/remove_fav](#)

Looks up a given string for a matching stock symbol and removes it from to the current logged in user's pinned stocks.

Parameters:

This endpoint takes in GET parameters

- fav: the string to look up

Example: `/remove_fav?fav=aapl`

Response:

This endpoint returns JSON containing a string with the result of the request

- Failure responses
 - "failed: not logged in": no currently logged in user
 - "failed: stock invalid": no matching stock
 - "failed: not in fav list": stock not pinned for current user
- Success response
 - "success: removed": stock successfully unpinned

Example: "success: removed"