

GET MATCHES TUTORIAL

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Local Route: http://localhost:5000/api/get_matches (get_matches)

Deployed Route: https://kindling-lp.herokuapp.com/api/get_matches (get_matches)

EXPECTED INPUT FROM FRONTEND:

```
{  
  "email_str" : some_string,  
  "output_select_str" : one_letter_string,  
  "access_token_str" : some_string  
}
```

INPUT PROPERTIES EXPLAINED:

- 1) **email_str**: the email string corresponding to the user for whom we will find a list of matches for.
 - 2) **output_select_str**: a string composed of only 1 letter. Depending on the value of this input, it will change the format of the matches list that the backend sends back.
 - 3) **access_token_str**: this is the access token originally provided by the backend proving that you are who you say you are. For more information on access tokens, please reference the login API tutorial.
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OUTPUT_SELECT_STR EXPLAINED:

-There are only 2 valid options for this:

- 1) "a"
- 2) "e"

- 1) "a" stands for abridged. If you choose this option, the backend will send back an array whose elements are email strings to represent the matches.
- 2) "e" stands for extended/extra. If you choose this option, the backend will instead send back an array whose elements are JSON objects.

These JSON objects will have the following format:

```
{  
  "email_str" : some_string,  
  "display_name_str" : some_string,  
  "phone_str" : some_string  
}
```

So as you can see, instead of just sending back a list of email strings, we provide extra information for each match with the "e" option. Along with the email, the display name and

phone number are also provided.

EXPECTED OUTPUT FROM BACKEND:

```
{  
  "matches_array": some_kind_of_arrayDepending_on_output_select_str,  
  "refreshed_token_str": some_string  
}
```

OUTPUT PROPERTIES EXPLAINED:

- 1) matches_array: a list of matches found for the user corresponding to 'email_str'. A match is when 2 parties have both swiped right on each other. Please be sure to specify in the input whether or not you want the 'abridged' output, or the 'extended/extra' output.
 - 2) refreshed_token_str: the refreshed access token that is provided by the backend upon a successful API call. For more information on access tokens, please reference the login API tutorial.
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EXPECTED OUTPUT EXPLAINED:

- 1) 'matches_array' is an empty array. This means either that no matches could be found for the user corresponding to 'email_str', or the backend refuses to send that information back (bad access token).
- 2) 'matches_array' is an array of email strings. This means that matches were found, and you chose the 'abridged' version of the matches_array to output.

Example: ["charlie@ucf.edu", "peyton@ucf.edu", "ricardo@ucf.edu"]

- 3) 'matches_array' is an array of JSON objects. This means that matches were found, and you chose the 'extended/extra' version of the matches_array to output.

Example: [{"email_str": "charlie@ucf.edu", "display_name_str": "CpE", "phone_str": "111-222-3333"}, {...}]

- 4) 'refreshed_token_str' is an empty string (""). This means that you provided an invalid 'access_token_str' (either tampered with, or expired). You can expect an empty array to be output for the 'matches_array' here.

- 5) 'refreshed_token-str' is a valid string. This means that you provided a valid 'access_token_str'. 'matches_array' may or may not be empty in this case depending on whether or not matches could actually be found.