



Sync

Refresh Account Data Of Users

With Sync developers can get real-time updates to user's transaction and balance information. Insights gained can also be used to improve products and services better tailored for specific user needs or to mitigate ACH transaction risk.

At the API level, Sync works the following way (continued on next page):

```
from synapse_pay_rest import User
from synapse_pay_rest import Node

node = Node.by_id(user, '57ec57be86c27345b3f8a159', full_
dehydrate='yes', force_refresh='yes')
```

```
# Example of node response with force_refresh and full_
dehydrate:
```

```
{
  ...
  'extra': {
    ...
    'other': {
      'balance': {

        'available': 56506.77,
        'current': 56506.77

      },
      ...
      'info': {
        ...
        'addresses': [
          {
            'city': 'SF',
            'state': 'CA',
            'street': '101 Market SF',
            'zipcode': '94114'
          }
        ],
        'emails': [
          'test@synapse.com',
        ],

```

```
    'names': [
      'Synapse Financial Inc'
    ],
    'phone_numbers': []
  },
  ...
  'recent_statement': 'https://cdn2.synapsefi.com/
statements.banklogins/uploads/xxxx/xx/xx/
xxxxxxxxxxxxxxxxxxxxxxxx.pdf',

  'transactions': [
    {
      '_id': '123456789',
      'amount': 47200.7,
      'category': {
        'primary': 'transfer',
        'subcategory': 'discretionary_spending'
      },
      'current_balance': 0,
      'debit': True,
      'description': 'ONLINE DOMESTIC WIRE TRANSFER
VIA: AXOS BANK',
      'merchant': {
        'address': '201 North Walnut Street,
Wilmington, DE 19801, United States',
        'address_type': 'headquarters',
        'logo': 'https://cdn4.synapsefi.com/uploads/
2018/12/07/XcR74r9LJhespfIbK1z36y5QoBv8CNZH
FWEGM2UTdmjYiPqSkn.jpeg',
        'name': 'Chase',
        'official_page': 'http://www.chase.com/',
        'phone_number': '(800) 935-9935'
      },
    },
  ],
}
```

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```
        'pending': False,
        'recurring': 'not_recurring'
    },
    ...
],
...
},
'supp_id': None
},
'info': {
    'account_num': '111111111',
    'address': '101 Market SF, SF, CA, US',
    'bank_logo': 'https://cdn.synapsepay.com/bank_logos/new/
    chase.png',
    'bank_long_name': 'JPMORGAN CHASE',
    'bank_name': 'JPMORGAN CHASE',
    'class': 'CHECKING',
    'nickname': 'Business Checking - 1234',
    'routing_num': '322271627',
    'type': 'BUSINESS',
    ...
},
...
}
```