

## Quick API reference

Version 1.1e

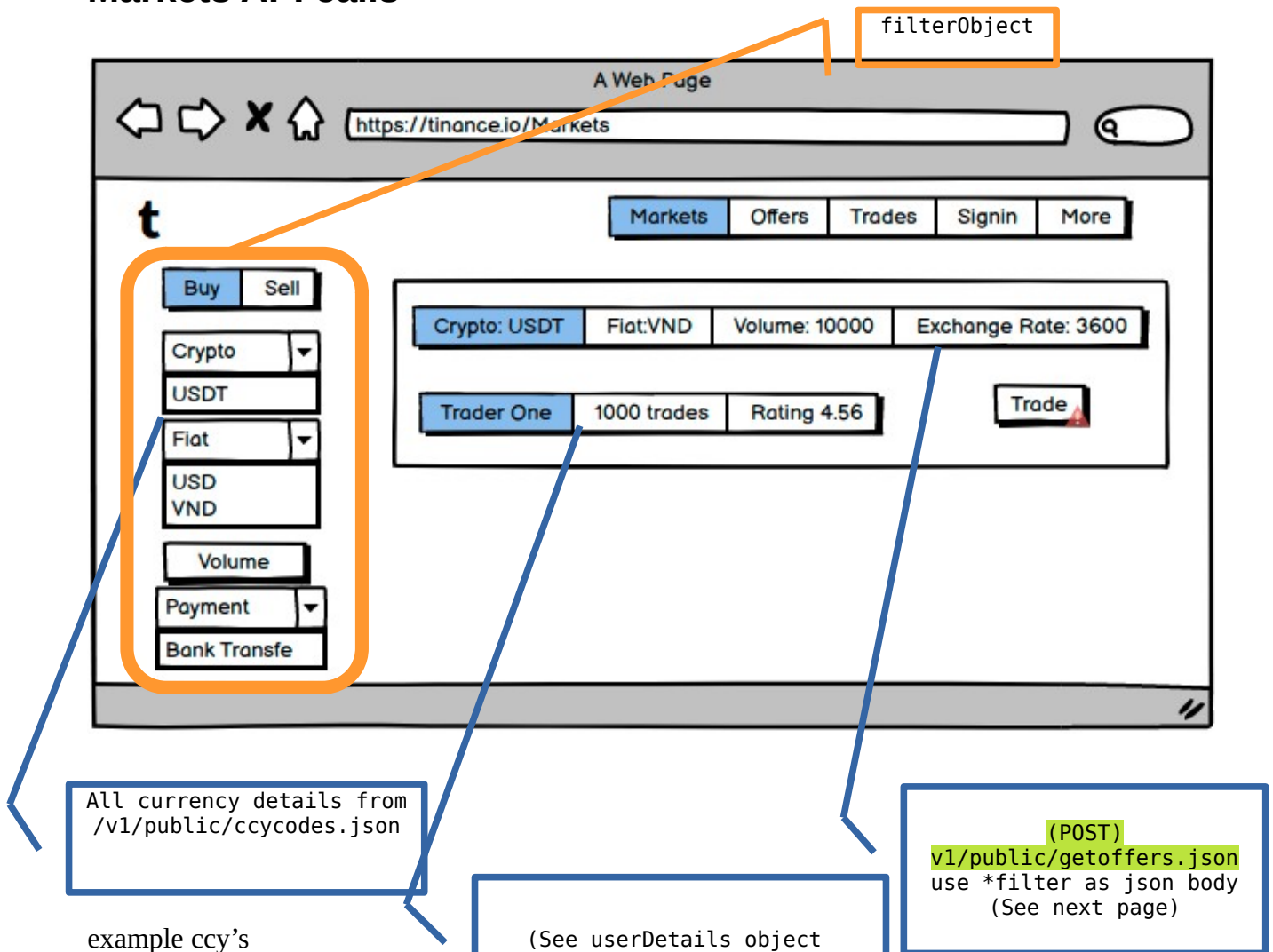
28 Jun 2021

The filter object is used in some calls.

```
filter Object
{
  boolean buy;
  boolean sell;    // both can be true and false
  long fromccyid;
  long toccyid;
  List<Long> payTypes; //: [ pay ids,.. ], <empty is wildcard>
  List<String> status; // empty is wildcard
  double fromamt;
}
```

**Like This** = recently changed, please recheck your code

## Markets API calls



All currency details from  
/v1/public/ccycodes.json

example ccys

```
{
  "id": 8,
  "name": "USD",
  "description": "United States Dollar",
  "enable": true,
  "ccyType": "Fiat",
  "tokenCtrAddress": "",
  "timestamp": 1624576320000
},
{
  "id": 9,
  "name": "USDT",
  "description": "Tether USD Anchor",
  "enable": true,
  "ccyType": "ERC20",
  "tokenCtrAddress": "0xEed7C9D32a6Db131c638C3E475F66908446D80eC",
  "timestamp": 1624576320000
},
}
```

example payment types

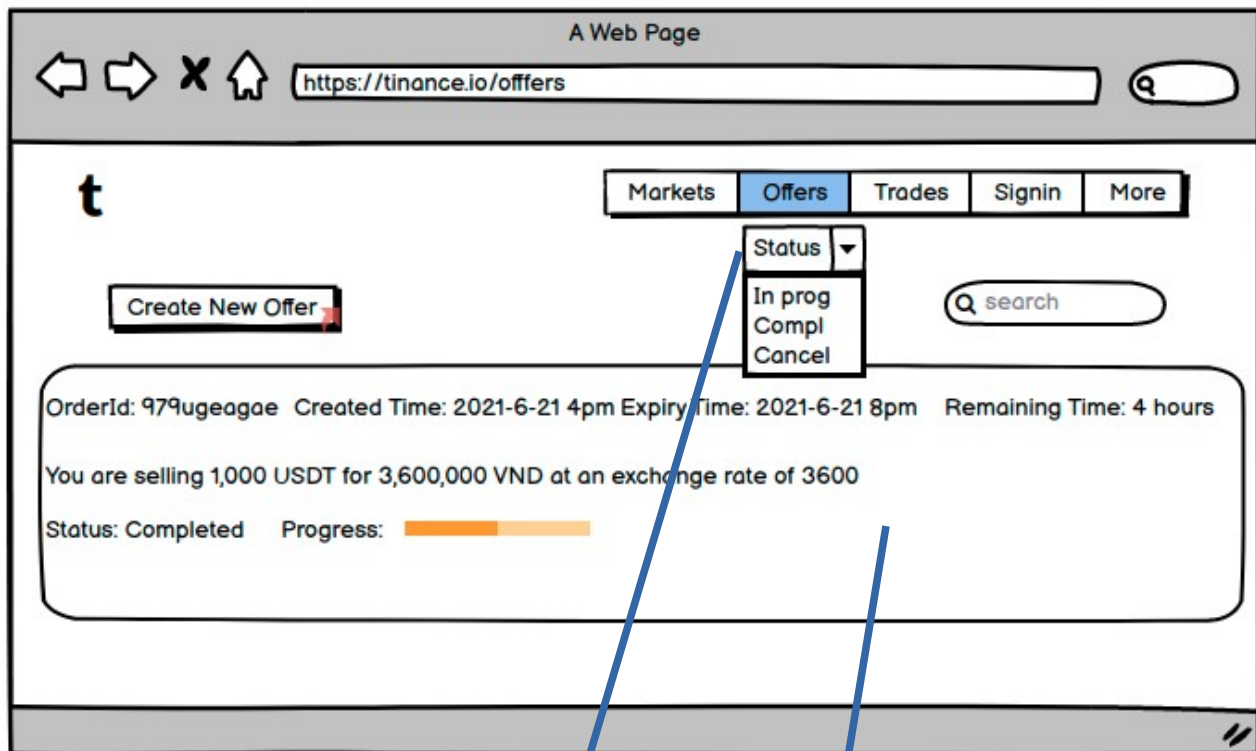
```
{
  "id": 1,
  "name": "Bank Transfer",
  "enabled": true,
  "field1name": "Bank Name",
  "field2name": "Sort Code",
  "field3name": "Account Number",
  "field4name": "IBAN",
  "field5name": "Country"
},
}
```

fieldnames are the fields to populate when entering details. Each payment type will have 5 fields and may be different from above example.

## Return result from v1/public/getoffers.json

```
{
  "buyer": true,    ==> show as "SELL" when buyer=false, show as "BUY"
  "complete": false, ==> Only display as offer when complete = false
  "created": "2021-06-27T14:26:31.329Z",
  "custRef": "string",
  "exchRate": 1.6750,    ==> exchange rate
  "expiry": "2021-06-27T14:26:31.329Z",    ==> Display this as moment() i.e. 3 days 5 hours remaining
  "feeAmt": 0,
  "fromAmount": 0,
  "fromccy": {
    "ccyType": "ERC20",
    "description": "string",
    "enable": true,
    "id": 0,
    "name": "USDT",
    "timestamp": "2021-06-27T14:26:31.329Z",
    "tokenCtrAddress": "string"
  },
  "id": 0,
  "inProg": true,
  "live": true,    ==> must be true to display this
  "orderId": "a56e3ad563",    ==> system order id, display this if possible
  "userDetails": {    // new object added
    "blurb": "user personal statement",
    "cid": 0,
    "countryISO": "GBR",    // user country
    "feedback": -1,    // rating 1..5 stars -1 = no ratings yet - do not show as zero stars
    "lastseen": "2021-06-29T15:52:56.573Z",
    "token": "",    // always empty, do not use
    "tradecount": 0,    // number of trades
    "username": "bloggsy-trader"    // trader user name
  },
  "paymentDetails": [
    {
      "field1value": "string",
      "field2value": "string",
      "field3value": "string",
      "field4value": "string",
      "field5value": "string",
      "id": 0,
      "payType": {
        "enabled": true,
        "field1name": "string",
        "field2name": "string",
        "field3name": "string",
        "field4name": "string",
        "field5name": "string",
        "id": 0,
        "name": "Bank Transfer"    ==> which payment type accepted
      },
      "timesUsed": 0,
      "updated": "2021-06-27 14:26:31.329",
      "usernotes": "string"
    }
  ],
  "procStatus": "IN_PROGRESS",
  "remainCryptoAmt": 1000,    ==> show this as remaining crypto volume,
  "toAmount": 0,
  "toccy": {
    "ccyType": "Crypto",
    "description": "string",
    "enable": true,
    "id": 0,
    "name": "VND",
    "timestamp": "2021-06-27 14:26:31.329",
    "tokenCtrAddress": "string"
  },
  "updated": "2021-06-27 14:26:31.329",
  "userId": 1,
}
```

## Offers API calls



After logging in...

### \*\* STATUS FILTER

Use filter object  
Set  
status["IN\_PROGRESS"]  
or  
status["COMPLETE"]  
etc

(POST)  
v1/getmyoffers.json

use \*filter as json body  
(See result below)

status vaules are:

**UNKNOWN**,  
**EDIT**, // order is being edited  
**CREATED**, //( "Order has been placed"),  
**CANCELLED**, //( "Order was cancelled");  
**IN\_PROGRESS**, //( "Order is in progress"),  
**COMPLETE**, //( "Order is finished"),  
**EXPIRED**,  
**DELETED**;

Progress stages 1/3 = CREATED, 2/3= IN\_PROGRESS, 3/3= COMPLETE

\*Alternate progress – show volume traded / original volume

Show as red/yellow CANCELLED or EXPIRED or DELETED

## Return result from v1/getmyoffers.json

```
{
  "buyer": true, =====> BUY==true  SELL==false
  "complete": true,
  "created": "2021-06-28 07:28:30.887",
  "custRef": "string", =====> add to panel as customer reference
  "exchRate": 0,
  "expiry": "2021-06-28 07:28:30.887", =====> as 'expiry' and (calculate) 'remainig time'
  "feeAmt": 0,
  "fromAmount": 232444, =====> original amount
  "fromccy": {
    "ccyType": "ERC20",
    "description": "string",
    "enable": true,
    "id": 0,
    "name": "USDT",
    "timestamp": "2021-06-28T07:28:30.887Z",
    "tokenCtrAddress": "string"
  },
  "id": 0,
  "inProg": true,
  "live": true,
  "orderId": "9a87ef45",
  "paymentDetails": [
    {
      "field1value": "string",
      "field2value": "string",
      "field3value": "string",
      "field4value": "string",
      "field5value": "string",
      "id": 0,
      "payType": {
        "enabled": true,
        "field1name": "string",
        "field2name": "string",
        "field3name": "string",
        "field4name": "string",
        "field5name": "string",
        "id": 0,
        "name": "Bank Transfer" =====> add this to the panel (each item in array)
      },
      "timesUsed": 0,
      "updated": "2021-06-28T07:28:30.887Z",
      "usernotes": "string"
    }
  ],
  "procStatus": "IN_PROGRESS", === as status
  "remainCryptoAmt": 153320, =====> remaining amount
  "toAmount": 4533224,
  "toccy": {
    "ccyType": "Fiat",
    "description": "string",
    "enable": true,
    "id": 0,
    "name": "VND",
    "timestamp": "2021-06-28T07:28:30.887Z",
    "tokenCtrAddress": "string"
  },
  "updated": "2021-06-28T07:28:30.887Z",
  "userId": 0,
  "userName": "string"
}
```

## Create Offer API Calls

A Web Page

https://tinance.io/createOffer

t

Markets Offers Trades Signin More

Offer details Payment details Expiry Time

After expiry time, if the trade is not complete, the crypto will return to your wallet

Expiry Time

JUNE 2021

S	M	T	W	T	F	S
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3

Create

You must collect Offer details, Payment details and expiry and validate before submitting

(POST)  
/v1/addupdateorder.json  
use json postbody

post body object

```
{
  custRef: "string", <misc. customer ref to add in on payment details tab (unrelated to payment details)>
  expiry: "string ISO date",
  feevalue: 0.0, <not used yet, can be empty>
  fromamt: 23455.0, <ERC20 USDT volume>
  fromccyid: 1, <crypto ERC20 USDT listed in /v1/public/ccycodes.json>
  notes: "string", <ignored>
  payDetail: payDetailObject (see below), <empty = use default>
  toamt: 56443.0, <Fiat volume>
  toccyid: 2 <Fiat id listed in /v1/public/ccycodes.json>
}
```

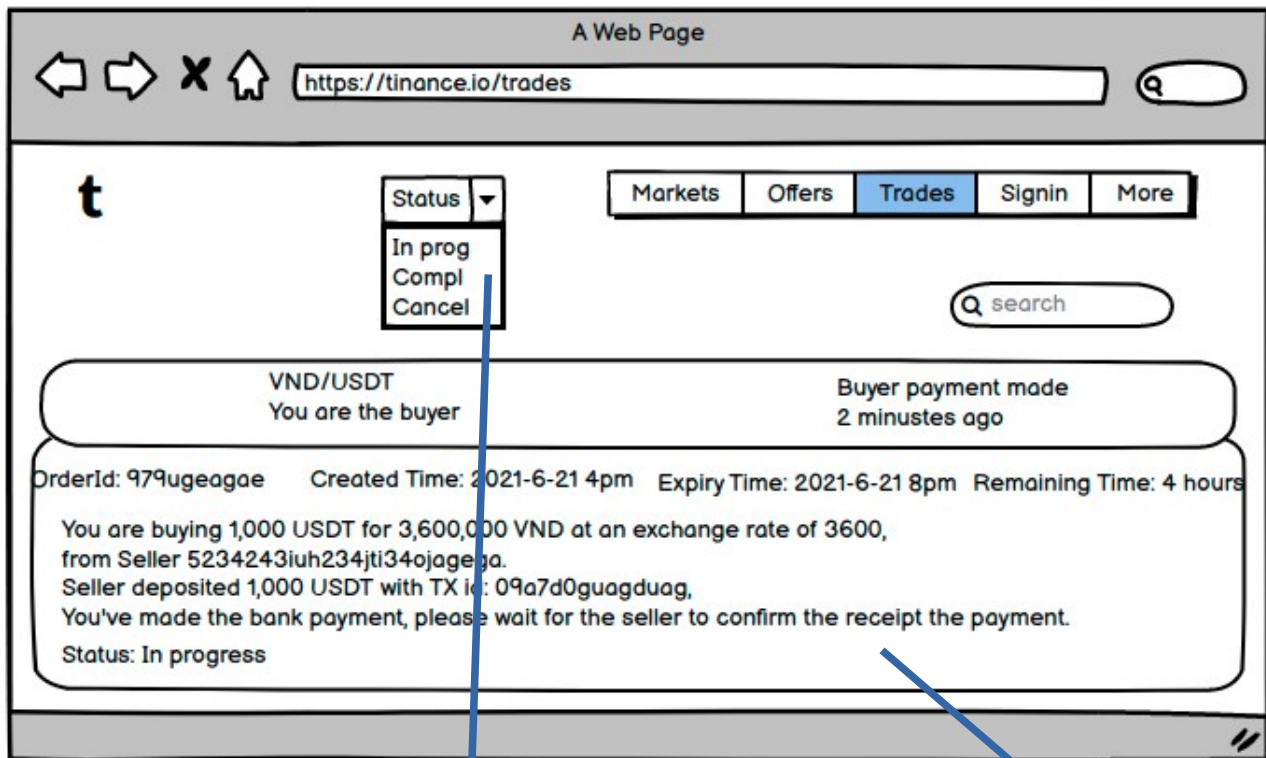
payDetailObject

```
{
  payTypeId : 1 <from /v1/public/paymenttypes.json>
  String field1name;
  String field2name;
  String field3name;
  String field4name;
  String field5name;
}
```

Return result RespStatus

Success Code = 0

## Trades API calls



See **\*\* STATUS FILTER**  
In OFFERS section

(POST)  
v1/getmytrades.json  
use filter request

## Return result from v1/getmytrades.json

```
{
  "archive": "2021-06-28T07:28:30.887Z", ==> if present this order has been archived (old order)
  "auditList": [
    {
      "action": "string",
      "id": 0,
      "staffName": "string",
      "when": "2021-06-28T09:24:00.103Z"
    }
  ],
  "bankfundflag": "2021-06-28T07:28:30.887Z", ===== if present, date/time bank funds were sent
  "buyerAddress": "0x344552223333", =====> display in panel
  "buyerId": 23, =====> BUY, if buyerid == my usrId from user object
  "sellerId": 54, =====> SELL, if sellerId == my usrId from user object
  "cancelRequest": "2021-06-28T07:28:30.887Z", =====> if present, date/time cancel was initiated
  "completedHash": "0x04668ec2f57cc15c381b461b9fedab5d451c54f", =====> if present, display in panel
  "contractId": "0x046654237e7cc15c381b461b9fedab5d451c66a",
  "created": "2021-06-28T07:28:30.887Z", =====> display in panel
  "depositHash": "0x04668ec2f57cc15c381b461b9fedab5d451c8f7f", ==> if present, txn number to display in panel
}
```

```

"fee": 123.45, <fee in USDT>
"fromAmount": 0,
"fromccy": {
  "ccyType": "ERC20",
  "description": "string",
  "enable": true,
  "id": 0,
  "name": "USDT",
  "timestamp": "2021-06-28T09:24:00.103Z",
  "tokenCtrAddress": "string"
},
"id": 0,
"numericOrderId": 0,
"parentOrderId": "0451fae46fe", ====> display in panel
"sellerAddress": "0x344552247ef62", ====> display in panel

"status": "DEPOSIT", <see status below for states>
"toAmount": 0,
"toccy": {
  "ccyType": "Fiat",
  "description": "string",
  "enable": true,
  "id": 0,
  "name": "VND",
  "timestamp": "2021-06-28T09:24:00.103Z",
  "tokenCtrAddress": "string"
}
}

```

status is one of:

**UNKNOWN,**  
**CREATED,**  
**DEPOSIT,**  
**FIATSENT,**  
**COMPLETED,**  
**CANCEL\_REQ,**  
**CANCELLED,**  
**ARBITRATE,**  
**ERROR**



## Individual Contract, API calls (within Trades list)

