

# GPK.Battles Game

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Testing Report

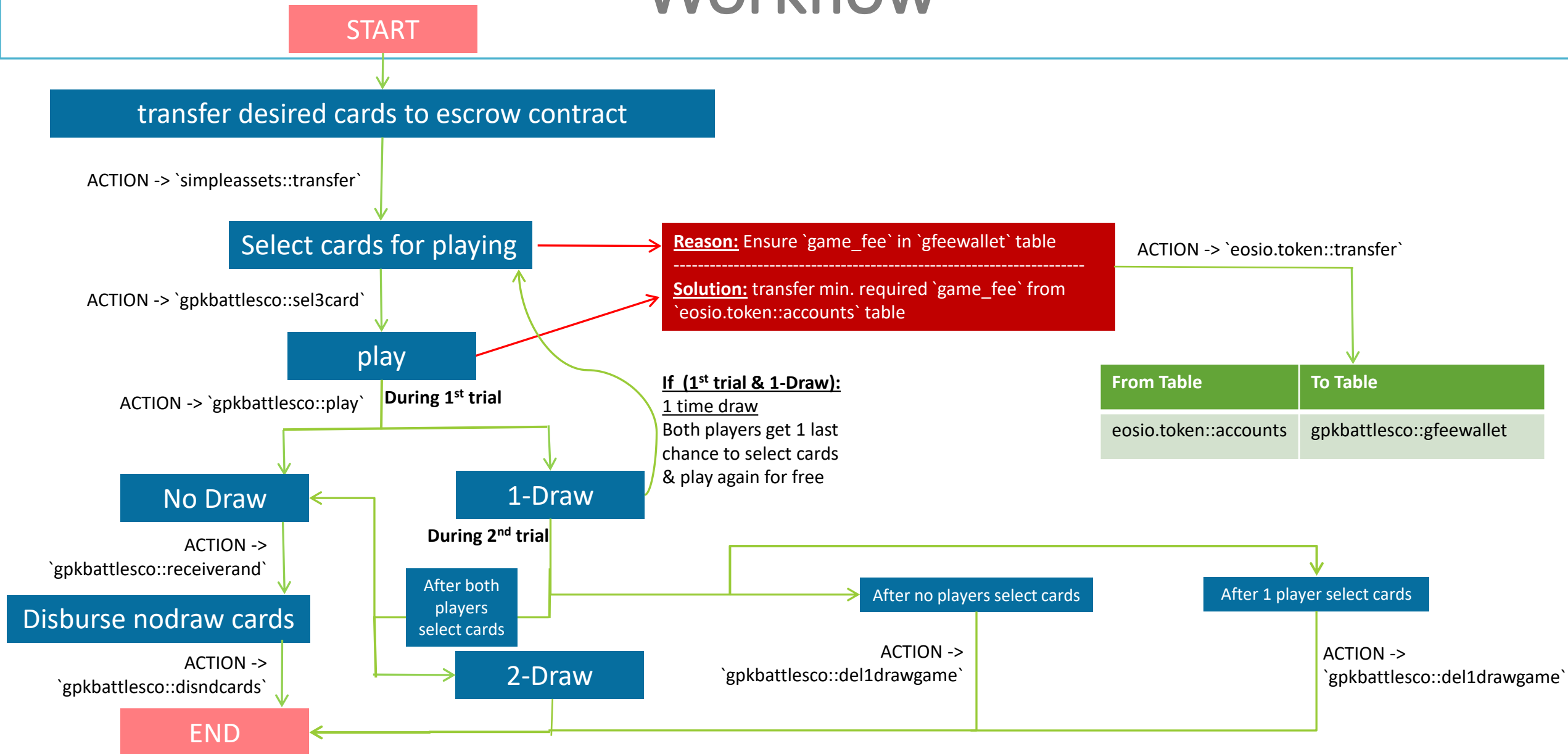
ABHIJIT ROY

# Content

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- Run-1
- Run-2
- Run-3

# Workflow



# RUN-1

Case-3: nodraw

1. gbuser111111 transfer desired cards to escrow contract gpkbatescrow

Pre

Activity

Post

sassets

offersofferssassetssntassetsstattokenconfigs

Enter Parameters

Scopegbuser111111

Lower Bound:Search...

Upper Bound:Search...

Limit100

Refresh Table

Table Result

#	Id (key)	owner	author	category	ldata	mdata
1	100000000007690	gbuser111111	gpkbattlesco	exotic	[]	["backling":"QmYkMDk81d8TohNHnFwpeESF3Npd671NrbPKKG8e25/back/1j]
2	100000000007692	gbuser111111	gpkbattlesco	exotic	[]	["backling":"QmYkMDk81d8TohNHnFwpeESF3Npd671NrbPKKG8e25/back/1j]
3	100000000007720	gbuser111111	gpkbattlesco	exotic	[]	["backling":"QmYkMDk81d8TohNHnFwpeESF3Npd671NrbPKKG8e25/back/9j]

```
$ cleoswt push action simpleassets transfer '{"from": "gbuser11111", "to": "gpkbatescrow", "assetids": ["100000000007690", "100000000007692"]}', "memo": "transfer cards for gpk.battles playing"' -p gbuser11111@active
executed transaction: 14523f79cf6263e233e9e8283e12181ae4c1b9011c63cc05ac1868200e782ccc 216 bytes 673 us
# simpleassets <= simpleassets::transfer {"from":"gbuser11111","to":"gpkbatescrow","assetids":["100000000007690","100000000007692"],"100000000007692","100000000007692"}
# gbuser11111 <= simpleassets::transfer {"from":"gbuser11111","to":"gpkbatescrow","assetids":["100000000007690","100000000007692"],"100000000007692","100000000007692"}
# gpkbatescrow <= simpleassets::transfer {"from":"gbuser11111","to":"gpkbatescrow","assetids":["100000000007690","100000000007692"],"100000000007692","100000000007692"}
warning: transaction executed locally, but may not be confirmed by the network yet ]
```

sassets

offersofferssassetssntassetsstattokenconfigs

Enter Parameters

Scopegbuser111111

Lower Bound:Search...

Upper Bound:Search...

Limit100

Refresh Table

Table Result

No Data

cardwallet

cardwallet

Enter Parameters

Scopegbuser111111

Lower Bound:Search...

Upper Bound:Search...

Limit100

Refresh Table

Table Result

No Data

cardwallet

cardwallet

Enter Parameters

Scopegbuser111111

Lower Bound:Search...

Upper Bound:Search...

Limit100

Refresh Table

Table Result

#	card_id (key)	contract_ac	usage_status
1	100000000007690	simpleassets	available
2	100000000007692	simpleassets	available
3	100000000007720	simpleassets	available

gfeewallet

configs gfeewallet ongamestat players usergamestat

Enter Parameters

Scopegbuser111111

Lower Bound:Search...

Upper Bound:Search...

Limit100

Refresh Table

Table Result

No Data

gfeewallet

configs gfeewallet ongamestat players usergamestat

Enter Parameters

Scopegbuser111111

Lower Bound:Search...

Upper Bound:Search...

Limit100

Refresh Table

Table Result

No Data

## 2. gbuser111111 select 3 cards

Pre

cardwallet

Activity

Post

cardwallet

cardwallet

Enter Parameters

Scope

gbuser111111

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	card_id (key)	contract_ac	usage_status
1	10000000007690	simpleassets	available
2	10000000007692	simpleassets	available
3	10000000007720	simpleassets	available

gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

gbuser111111

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	balance
1	1.00000000 WAX

players

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

gpkbattlesc1

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	asset_contract_ac (key)	players_list
1	simpleassets	[]

```
$ cleoswt push action gpkbattlesc1 sel3card '["gbuser111111", "simpleassets", "10000000007690", "10000000007692", "10000000007720"]' -p gbuser111111@active
Error 3050003: eosio_assert_message assertion failure
Error Details:
assertion failure with message: the player is not in the gamefee wallet table.
pending console output:
```

```
$ cleoswt push action gpkbattlesc1 sel3card '["gbuser111111", "simpleassets", "10000000007690", "10000000007692", "10000000007720"]' -p gbuser111111@active
Error 3050003: eosio_assert_message assertion failure
Error Details:
assertion failure with message: The player has no min. balance i.e. '1.00000000 WAX' in the gamefee wallet.
pending console output:
```

```
$ cleoswt push action gpkbattlesc1 sel3card '["gbuser111111", "simpleassets", "10000000007690", "10000000007692", "10000000007720"]' -p gbuser111111@active
executed transaction: 6280caea046a5b881230ef680de9a13c9e4f40a1e8fcded1e4a559bac44c67a 136 bytes 511 us
# gpkbattlesc1 <= gpkbattlesc1::sel3card
{"player": "gbuser111111", "asset_contract_ac": "simpleassets", "card1_id": "10000000007690", "card2_id": "...
# gpkbatescrow <= gpkbatescrow::setcstatus
{"player": "gbuser111111", "card_id": "10000000007690", "status": "selected"}
# gpkbatescrow <= gpkbatescrow::setcstatus
{"player": "gbuser111111", "card_id": "10000000007692", "status": "selected"}
# gpkbatescrow <= gpkbatescrow::setcstatus
{"player": "gbuser111111", "card_id": "10000000007720", "status": "selected"}
# gpkbattlesc1 <= gpkbattlesc1::empifyplayer
{"asset_contract_ac": "simpleassets", "player": "gbuser111111"}
warn 2021-03-13T14:58:56.847 cleos main.cpp:513 print_result warning:
transaction executed locally, but may not be confirmed by the network yet
```

gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

gbuser111111

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	balance
1	1.00000000 WAX

players

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

gpkbattlesc1

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	asset_contract_ac (key)	players_list
1	simpleassets	["gbuser111111"]

guser11111

Pre

players

configs

feewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gpkbattlesc1

Search...

Search...

100

Refresh

Table Result

#	asset_contract_ac (key)	players_list
1	simpleassets	["gbuser111111"]

ongamestat

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gpkbattlesc:1

Search...

Search...

100


 Refresh

Table Result

No Data

gfeewallet

configs

gfoewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbuser111111

Search...

Search...

100

C Refresh

Table Result

#	balance
1	1.00000000 WAX

## Activity

```
$ cleoswt push action gpkbattlescl pairwplayer '["gbuser111111", "simpleassets"]' -p
gbuser111111@active
Error 3050003: eosio_assert_message assertion failure
Error Details:
assertion failure with message: players_list must be min. 2 in size.
pending console output:
```

```
$ cleosw push action gpkbattlescl pairwplayer '["gbuser111111", "simpleassets"]' -p
gbuser111111@active
executed transaction: 11089e0522976fa14b76df782de9af716d969357bcf6486a4488beb703033e7c 112 bytes 771
us
# gpkbattlescl <= gpkbattlescl:pairwplayer
{"player_1": "gbuser111111", "asset_contract_ac": "simpleassets"}
warning: transaction executed locally, but may not be confirmed by the network yet ]
```

Post

players

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gpkbattlesc1

Search...

Search...

100

Refresh

Table Result

#	asset_contract_ac (key)	players_list
1	simpleassets	["gbuser111112","gbuser111114","gbuser111121","gbuser111115","gbuser111122"]

ongamestat

[illegible]

gfeewallet

configs

greewallet

ongamestat

players

usernamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbuser111111

Search...

Search...

100


 Refresh

Table Result

#	balance
1	1.00000000 WAX

gbuster111111

Pre

## Activity

Post

ongamestat

[illegible]

gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbsuser111111

Search...

Search...

100

C Refresh

Table Result

No Data

configs

glocewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbuser111113

Search...

Search...

100

Refresh

Table Result

No Data

```
$ clocsvt push action gpkbattlescl play '['10001739108425']' -p gpkbattlescl@systemkeys
Error 3050003: eosio_assert_message assertion failure
Error Details:
assertion failure with message: the player - gbuser111111 is not in the gamefee wallet table.
pending console output:
```

```
$ cloadctl push action gpkbattlescl play '["10001739108425"]' -p gpkbattlescl@systemkeys
Error 30580003: eosio_assert_message assertion failure
Error Details:
assertion failure with message: the player - gbuser111113 is not in the gamefee wallet table.
pending console output:
```

```
$ cleoswt push action gpkbattlescl play '['10001739108425']' -p gpkbattlescl@systemkeys
executed transaction: ed4ae2f7847b68963e2e6b9fd94847cd6c69c86d4cdae325561ccb8297 104 bytes 317
us
# gpkbattlescl <= gpkbattlescl:play {'game_id':"10001739108425"}
# gpkbattlescl <= gpkbattlescl:inlndcplbal {'player':"gbuser11111", "qty":"1.00000000 WAX"}
# gpkbattlescl <= gpkbattlescl:inlndcplbal {'player':"gbuser11111", "qty":"1.00000000 WAX"}
#   org.wax <= org.wax:requestrand
{"assoc_id":"'10001739108425","signing_value":"'4873772729523820055","caller":"'gpkbattlescl'"
warning: transaction executed locally, but may not be confirmed by the network yet ]
```

ongamestat

[illegible]

gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

gbuser111111

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	balance
1	1.00000000 WAX

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbsuser111111

Search...

Search...

100

C Refresh

Table Result

No Data

configs

glocewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbuser111113

Search...

Search...

100

Refresh

Table Result

No Data



# 5. Disburse nodraw cards by gpkbattlesco contract account

Pre

Activity

Post

ongamestat

accounts

players

cardwallet

```
$ cleoswt push action gpkbattlescl disndcards '['10001739108425']' -p gpkbattlescl@systemkeys
executed transaction: 9ee95ab78e26b28cc5a3222544a1814e9eb34817021c5baea84e12e58303fb90 104 bytes 754 US
# gpkbattlescl <= gpkbattlescl:disndcards {"game_id":"10001739108425"}
# gpkbatesrow <= gpkbatesrow:disburse {"game_id":"10001739108425"}
# gpkbattlescl <= gpkbattlescl:moorgameinfo {"game_id":"10001739108425","message":"your game with id: '10001739108425' is moved to 'usergamestat' tab..."}
# eosio.token <= eosio.token:transfer {"from":"gpkbattlescl","to":"gpkbatincome","quantity":"1.00000000 WAX","memo":"transfer game fee"}
# eosio.token <= eosio.token:transfer {"from":"gpkbattlescl","to":"gpkbatincome","quantity":"1.00000000 WAX","memo":"transfer game fee"}
# gpkbattlescl <= gpkbattlescl:sendalert {"user":"gbuser11111","message":"your game with id: '10001739108425' is moved to 'usergamestat' tab..."}
# gpkbattlescl <= gpkbattlescl:sendalert {"user":"gbuser11113","message":"your game with id: '10001739108425' is moved to 'usergamestat' tab..."}
# gpkbattlescl <= eosio.token:transfer {"from":"gpkbattlescl","to":"gpkbatincome","quantity":"1.00000000 WAX","memo":"transfer game fee"}
# gpkbatincome <= eosio.token:transfer {"from":"gpkbattlescl","to":"gpkbatincome","quantity":"1.00000000 WAX","memo":"transfer game fee"}
# gpkbattlescl <= eosio.token:transfer {"from":"gpkbattlescl","to":"gpkbatincome","quantity":"1.00000000 WAX","memo":"transfer game fee"}
# gpkbatincome <= eosio.token:transfer {"from":"gpkbattlescl","to":"gpkbatincome","quantity":"1.00000000 WAX","memo":"transfer game fee"}
# gbuser11111 <= gpkbattlescl:sendalert {"user":"gbuser11111","message":"your game with id: '10001739108425' is moved to 'usergamestat' tab..."}
# gbuser11113 <= gpkbattlescl:sendalert {"user":"gbuser11113","message":"your game with id: '10001739108425' is moved to 'usergamestat' tab..."}
warning: transaction executed locally, but may not be confirmed by the network yet }
```

ongamestat

accounts

players

cardwallet

usergamestat

```
$ cleoswt get table gpkbattlescl gbuser11111 usergamestat --show-player
{
  "rows": [],
  "more": false,
  "next_key": ""
}

$ cleoswt get table gpkbattlescl gbuser11113 usergamestat --show-player
{
  "rows": [],
  "more": false,
  "next_key": ""
}
```

# RUN-2

Case-3: nodraw

gbuser111113

gpkbatescrow

## sassets

cardwallet

gfeewallet

## Activity

sassets

cardwallet

gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbuser111113

Search...

Search...

100


 Refresh

Table Result

No Data

## 2. gbuser111113 select 3 cards

### Pre

#### cardwallet

cardwallet

Enter Parameters

Scope

gbuser111113

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	card_id (key)	contract_ac	usage_status
1	10000000007714	simpleassets	available
2	10000000007716	simpleassets	available
3	10000000007722	simpleassets	available

#### gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

gbuser111113

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	balance
1	1.00000000 WAX

#### players

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

gpkbattlesc1

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	asset_contract_ac (key)	players_list
1	simpleassets	["gbuser111112","gbuser111114","gbuser111121","gbuser111115","gbuser111122","gbuser111111"]

### Activity

```
$ cleoswt push action gpkbattlesc1 sel3card '["gbuser111113", "simpleassets", "10000000007714", "10000000007716", "10000000007722"]' -p gbuser111113@active
Error 3050003: eosio_assert_message assertion failure
Error Details:
assertion failure with message: the player - gbuser111113 is not in the gamefee wallet table.
pending console output:
```

```
$ cleoswt push action gpkbattlesc1 sel3card '["gbuser111113", "simpleassets", "10000000007714", "10000000007716", "10000000007722"]' -p gbuser111113@active
Error 3050003: eosio_assert_message assertion failure
Error Details:
assertion failure with message: The player - gbuser111113 has no min. balance i.e. '1.00000000 WAX' in the gamefee wallet.
pending console output:
```

```
$ cleoswt push action gpkbattlesc1 sel3card '["gbuser111113", "simpleassets", "10000000007714", "10000000007716", "10000000007722"]' -p gbuser111113@active
executed transaction: 6f783bd5fed6e6045fd731186a7f77d55a95bd007024dc68e6da936a3475de5 136 bytes 517 us
# gpkbattlesc1 <= gpkbattlesc1::sel3card
{"player":"gbuser111113","asset_contract_ac":"simpleassets","card1_id":"10000000007714","card2_id":...
# gpkbatescrow <= gpkbatescrow::setcstatus
{"player":"gbuser111113","card_id":"10000000007714","status":"selected"}
# gpkbatescrow <= gpkbatescrow::setcstatus
{"player":"gbuser111113","card_id":"10000000007716","status":"selected"}
# gpkbatescrow <= gpkbatescrow::setcstatus
{"player":"gbuser111113","card_id":"10000000007722","status":"selected"}
# gpkbattlesc1 <= gpkbattlesc1::empifypayer
{"asset_contract_ac":"simpleassets","player":"gbuser111113"}
warning: transaction executed locally, but may not be confirmed by the network yet }
```

### Post

#### cardwallet

cardwallet

Enter Parameters

Scope

gbuser111113

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	card_id (key)	contract_ac	usage_status
1	10000000007714	simpleassets	selected
2	10000000007716	simpleassets	selected
3	10000000007722	simpleassets	selected

#### gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

gbuser111113

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	balance
1	1.00000000 WAX

#### players

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

gpkbattlesc1

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	asset_contract_ac (key)	players_list
1	simpleassets	["gbuser111112","gbuser111114","gbuser111121","gbuser111115","gbuser111122","gbuser111111","gbuser111113"]

players

## Activity

Post

ongamestat

configs

greewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gpkbattlesc1

Search...

Search...

100

Refresh

Table Result

No Data

gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbuser111113

Search...

Search...

100


 Refresh

Table Result

#	balance
1	1.00000000 WAX

# players

configs

gfeewallet

ongamestat

**players**

usergamestat

## Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gpkbattles1

Search...

Search...

100

Refresh

## Table Result

#	asset_contract_ac (key)	players_list
1	simpleassets	["gbuser111112","gbuser111114","gbuser111121","gbuser111115","gbuser111111"]

ongamestat

```

1 #!/usr/bin/perl
2 # perl script for taking gsmnetloc and gsmnetlocr ungsnetloc - show paper
3
4 #main() {
5     my $i;
6     my $j;
7     my $k;
8     my $l;
9     my $m;
10    my $n;
11    my $o;
12    my $p;
13    my $q;
14    my $r;
15    my $s;
16    my $t;
17    my $u;
18    my $v;
19    my $w;
20    my $x;
21    my $y;
22    my $z;
23    my $aa;
24    my $ab;
25    my $ac;
26    my $ad;
27    my $ae;
28    my $af;
29    my $ag;
30    my $ah;
31    my $ai;
32    my $aj;
33    my $ak;
34    my $al;
35    my $am;
36    my $an;
37    my $ao;
38    my $ap;
39    my $aq;
40    my $ar;
41    my $as;
42    my $at;
43    my $au;
44    my $av;
45    my $aw;
46    my $ax;
47    my $ay;
48    my $az;
49    my $ba;
50    my $bb;
51    my $bc;
52    my $bd;
53    my $be;
54    my $bf;
55    my $bg;
56    my $bh;
57    my $bi;
58    my $bj;
59    my $bk;
60    my $bl;
61    my $bm;
62    my $bn;
63    my $bo;
64    my $bp;
65    my $bq;
66    my $br;
67    my $bs;
68    my $bt;
69    my $bu;
70    my $bv;
71    my $bw;
72    my $bx;
73    my $by;
74    my $bz;
75    my $ca;
76    my $cb;
77    my $cc;
78    my $cd;
79    my $ce;
80    my $cf;
81    my $cg;
82    my $ch;
83    my $ci;
84    my $cj;
85    my $ck;
86    my $cl;
87    my $cm;
88    my $cn;
89    my $co;
90    my $cp;
91    my $cq;
92    my $cr;
93    my $cs;
94    my $ct;
95    my $cu;
96    my $cv;
97    my $cw;
98    my $cx;
99    my $cy;
100   my $cz;
101   my $da;
102   my $db;
103   my $dc;
104   my $dd;
105   my $de;
106   my $df;
107   my $dg;
108   my $dh;
109   my $di;
110   my $dj;
111   my $dk;
112   my $dl;
113   my $dm;
114   my $dn;
115   my $do;
116   my $dp;
117   my $dq;
118   my $dr;
119   my $ds;
120   my $dt;
121   my $du;
122   my $dv;
123   my $dw;
124   my $dx;
125   my $dy;
126   my $dz;
127   my $ea;
128   my $eb;
129   my $ec;
130   my $ed;
131   my $ee;
132   my $ef;
133   my $eg;
134   my $eh;
135   my $ei;
136   my $ej;
137   my $ek;
138   my $el;
139   my $em;
140   my $en;
141   my $eo;
142   my $ep;
143   my $eq;
144   my $er;
145   my $es;
146   my $et;
147   my $eu;
148   my $ev;
149   my $ew;
150   my $ex;
151   my $ey;
152   my $ez;
153   my $fa;
154   my $fb;
155   my $fc;
156   my $fd;
157   my $fe;
158   my $ff;
159   my $fg;
160   my $fh;
161   my $fi;
162   my $fj;
163   my $fk;
164   my $fl;
165   my $fm;
166   my $fn;
167   my $fo;
168   my $fp;
169   my $fq;
170   my $fr;
171   my $fs;
172   my $ft;
173   my $fu;
174   my $fv;
175   my $fw;
176   my $fx;
177   my $fy;
178   my $fz;
179   my $ga;
180   my $gb;
181   my $gc;
182   my $gd;
183   my $ge;
184   my $gf;
185   my $gg;
186   my $gh;
187   my $gi;
188   my $gj;
189   my $gk;
190   my $gl;
191   my $gm;
192   my $gn;
193   my $go;
194   my $gp;
195   my $gq;
196   my $gr;
197   my $gs;
198   my $gt;
199   my $gu;
200   my $gv;
201   my $gw;
202   my $gx;
203   my $gy;
204   my $gz;
205   my $ha;
206   my $hb;
207   my $hc;
208   my $hd;
209   my $he;
210   my $hf;
211   my $hg;
212   my $hh;
213   my $hi;
214   my $hj;
215   my $hk;
216   my $hl;
217   my $hm;
218   my $hn;
219   my $ho;
220   my $hp;
221   my $hq;
222   my $hr;
223   my $hs;
224   my $ht;
225   my $hu;
226   my $hv;
227   my $hw;
228   my $hx;
229   my $hy;
230   my $hz;
231   my $ia;
232   my $ib;
233   my $ic;
234   my $id;
235   my $ie;
236   my $if;
237   my $ig;
238   my $ih;
239   my $ii;
240   my $ij;
241   my $ik;
242   my $il;
243   my $im;
244   my $in;
245   my $io;
246   my $ip;
247   my $iq;
248   my $ir;
249   my $is;
250   my $it;
251   my $iu;
252   my $iv;
253   my $iw;
254   my $ix;
255   my $iy;
256   my $iz;
257   my $ja;
258   my $jb;
259   my $jc;
260   my $jd;
261   my $je;
262   my $jf;
263   my $jg;
264   my $jh;
265   my $ji;
266   my $jj;
267   my $jk;
268   my $jl;
269   my $jm;
270   my $jn;
271   my $jo;
272   my $jp;
273   my $jq;
274   my $jr;
275   my $js;
276   my $jt;
277   my $ju;
278   my $jv;
279   my $jw;
280   my $jx;
281   my $jy;
282   my $jz;
283   my $ka;
284   my $kb;
285   my $kc;
286   my $kd;
287   my $ke;
288   my $kf;
289   my $kg;
290   my $kh;
291   my $ki;
292   my $kj;
293   my $kk;
294   my $kl;
295   my $km;
296   my $kn;
297   my $ko;
298   my $kp;
299   my $kq;
300   my $kr;
301   my $ks;
302   my $kt;
303   my $ku;
304   my $kv;
305   my $kw;
306   my $kx;
307   my $ky;
308   my $kz;
309   my $la;
310   my $lb;
311   my $lc;
312   my $ld;
313   my $le;
314   my $lf;
315   my $lg;
316   my $lh;
317   my $li;
318   my $lj;
319   my $lk;
320   my $ll;
321   my $lm;
322   my $ln;
323   my $lo;
324   my $lp;
325   my $lq;
326   my $lr;
327   my $ls;
328   my $lt;
329   my $lu;
330   my $lv;
331   my $lw;
332   my $lx;
333   my $ly;
334   my $lz;
335   my $ma;
336   my $mb;
337   my $mc;
338   my $md;
339   my $me;
340   my $mf;
341   my $mg;
342   my $mh;
343   my $mi;
344   my $mj;
345   my $mk;
346   my $ml;
347   my $mm;
348   my $mn;
349   my $mo;
350   my $mp;
351   my $mq;
352   my $mr;
353   my $ms;
354   my $mt;
355   my $mu;
356   my $mv;
357   my $mw;
358   my $mx;
359   my $my;
360   my $mz;
361   my $na;
362   my $nb;
363   my $nc;
364   my $nd;
365   my $ne;
366   my $nf;
367   my $ng;
368   my $nh;
369   my $ni;
370   my $nj;
371   my $nk;
372   my $nl;
373   my $nm;
374   my $nn;
375   my $no;
376   my $np;
377   my $nq;
378   my $nr;
379   my $ns;
380   my $nt;
381   my $nu;
382   my $nv;
383   my $nw;
384   my $nx;
385   my $ny;
386   my $nz;
387   my $oa;
388   my $ob;
389   my $oc;
390   my $od;
391   my $oe;
392   my $of;
393   my $og;
394   my $oh;
395   my $oi;
396   my $oj;
397   my $ok;
398   my $ol;
399   my $om;
400   my $on;
401   my $oo;
402   my $op;
403   my $oq;
404   my $or;
405   my $os;
406   my $ot;
407   my $ou;
408   my $ov;
409   my $ow;
410   my $ox;
411   my $oy;
412   my $oz;
413   my $pa;
414   my $pb;
415   my $pc;
416   my $pd;
417   my $pe;
418   my $pf;
419   my $pg;
420   my $ph;
421   my $pi;
422   my $pj;
423   my $pk;
424   my $pl;
425   my $pm;
426   my $pn;
427   my $po;
428   my $pp;
429   my $pq;
430   my $pr;
431   my $ps;
432   my $pt;
433   my $pu;
434   my $pv;
435   my $pw;
436   my $px;
437   my $py;
438   my $pz;
439   my $qa;
440   my $qb;
441   my $qc;
442   my $qd;
443   my $qe;
444   my $qf;
445   my $qg;
446   my $qh;
447   my $qi;
448   my $qj;
449   my $qk;
450   my $ql;
451   my $qm;
452   my $qn;
453   my $qo;
454   my $qp;
455   my $qq;
456   my $qr;
457   my $qs;
458   my $qt;
459   my $qu;
460   my $qv;
461   my $qw;
462   my $qx;
463   my $qy;
```

# gfeewallet

configs

**gfeewallet**

ongamestat

players

usergamestat

## Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit


Refresh Table

gbruser111113

Search...

Search...

100

 Refresh

## Table Result

#	balance
1	1.00000000 WAX

gbuser111113

Pre

ongamestat

[illegible]

gfeewallet

configs

gfeowallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbuser111113

Search...

Search...

100


 Refresh

Table Result

#	balance
1	1.00000000 WAX

## Activity

```
$ cleoswt push action gpkbattlescl play '["10001739128875"]' -p gpkbattlescl@systemkeys

Error 3050003: eosio_assert_message assertion failure
Error Details:
assertion failure with message: the player - gbuster11113 is not in the gamefee wallet table.
pending console output:
```

```
$ cleoswt push action gpkbattlescl play '['10001739128875']' -p gpkbattlescl@systemkeys

Error 3050003: eosio_assert_message assertion failure
Error Details:
assertion failure with message: the player - gbuster11122 is not in the gamefee wallet table.
pending console output:
```

```
# $ cleosw push action gpkbattlescl play '{"10001739128875"}' -p gpkbattlescl@systemkeys
executed transaction: 71cd84e4d0cabab83b093f3c4ca9b8c8e3c3ab2bb208230a66149fc3bc63aae 104 bytes 331
us
# gpkbattlescl == gpkbattlescl:play {"game_id":"10001739128875"}
# gpkbattlescl == gpkbattlescl:inlndecpbal {"player":"gbuser111113","qty":"1.00000000 WAX"}
# gpkbattlescl == gpkbattlescl:inlndecpbal {"player":"gbuser111122","qty":"1.00000000 WAX"}
# org.wax == org.wax:requestrand
{"assoc_id":"10001739128875","signing_value":"13967546786151424246","caller":"gpkbattlescl"}
warning: transaction executed locally, but may not be confirmed by the network yet ]
```

Post

ongamestat

[illegible]

gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbuser111113

Search...

Search...

100


 Refresh

Table Result

No Data

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbuser111122

Search...

Search...

100


 Refresh

Table Result

No Data

contract account

## Activity

## Post

accounts

usergamestat

cardwallet

usergamestat

```
$ cleanset get table gpkbattlesrc1 ghuser111122 usergamestat --show-payer
{
  "rows": [
    {
      "data": {
        "asset_contract_ac": "simpleassets",
        "game_id": "10001739120875",
        "wins": 1,
        "loss": 0,
        "draw": 0,
        "games": 1,
        "cards_won": [
          "10000000007722"
        ],
        "payer": "gpkbattlesrc1"
      }
    },
    {
      "more": false,
      "next_key": ""
    }
  ]
}
```

# RUN-3

Case-2.1: 1-draw >> 2-draw



1. gbuser111115 transfer desired cards to escrow contract gpkbatescrow

Pre

sassets

offers

offers

sassets

srtassets

stat

tokenconfigs

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

C Refresh

Table Result

#	id (key)	owner	author	category	ldata	mdata
1	10000000007694	gbuser111115	gpkbattlesco	exotic	0	["backing":"QmYkMDk81d8ToHhHfWpeESF3Npfu673NrbPGKG8e25/back/13"]
2	10000000007703	gbuser111115	gpkbattlesco	exotic	0	["backing":"QmYkMDk81d8ToHhHfWpeESF3Npfu673NrbPGKG8e25/back/6.jp"]
3	10000000007712	gbuser111115	gpkbattlesco	exotic	0	["backing":"QmYkMDk81d8ToHhHfWpeESF3Npfu673NrbPGKG8e25/back/12"]
4	10000000007721	gbuser111115	gpkbattlesco	exotic	0	["backing":"QmYkMDk81d8ToHhHfWpeESF3Npfu673NrbPGKG8e25/back/14"]

cardwallet

cardwallet

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

C Refresh

Table Result

No Data

gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

C Refresh

Table Result

No Data

Activity

```
$ cleoswt push action simpleassets transfer '{"from": "gbuser111115", "to": "gpkbatescrow", "assetIds": ["10000000007694", "10000000007712", "10000000007721"], "memo": "transfer cards for gpk.battles playing"}' -p gbuser111115@active
executed transaction: 131b0a9caa0ac280c055b4dcc3305fcae3064212aa1705796f1b971bf1459216 216 bytes 624 us
# simpleassets <= simpleassets::transfer {"from":"gbuser111115","to":"gpkbatescrow","assetIds":["10000000007694","10000000007712","10000000007721"], "memo": "transfer cards for gpk.battles playing"}
# gbuser111115 <= simpleassets::transfer {"from":"gbuser111115","to":"gpkbatescrow","assetIds":["10000000007694","10000000007712","10000000007721"], "memo": "transfer cards for gpk.battles playing"}
# gpkbatescrow <= simpleassets::transfer {"from":"gbuser111115","to":"gpkbatescrow","assetIds":["10000000007694","10000000007712","10000000007721"], "memo": "transfer cards for gpk.battles playing"}
warning: transaction executed locally, but may not be confirmed by the network yet }
```

Post

sassets

offers

offers

sassets

srtassets

stat

tokenconfigs

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

C Refresh

Table Result

#	id (key)	owner	author	category	ldata	mdata
1	10000000007703	gbuser111115	gpkbattlesco	exotic	0	["backing":"QmYkMDk81d8ToHhHfWpeESF3Npfu673NrbPGKG8e25/back/6.jp"]

cardwallet

cardwallet

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

C Refresh

Table Result

#	card_id (key)	contract_ac	usage_status
1	10000000007694	simpleassets	available
2	10000000007712	simpleassets	available
3	10000000007721	simpleassets	available

gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

C Refresh

Table Result

No Data

## 2. gbuser111115 select 3 cards

Pre

cardwallet

cardwallet

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

C Refresh

Table Result

#	card_id (key)	contract_ac	usage_status
1	10000000007694	simpleassets	available
2	10000000007712	simpleassets	available
3	10000000007721	simpleassets	available

gfeewallet

configs gfeewallet ongamestat players usergamestat

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

C Refresh

Table Result

#	balance
1	1.00000000 WAX

players

configs gfeewallet ongamestat players usergamestat

Enter Parameters

Scope

gpkbattlesc1

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

C Refresh

Table Result

#	asset_contract_ac (key)	players_list
1	simpleassets	["gbuser111114","gbuser111121","gbuser111111","gbuser111112"]

Activity

```
$ cleoswt push action gpkbattlesc1 sel3card '["gbuser111115", "simpleassets", "10000000007694", "10000000007712", "10000000007721"]' -p gbuser111115@active
Error 3050003: eosio_assert_message assertion failure
Error Details:
assertion failure with message: the player - gbuser111115 is not in the gamefee wallet table.
pending console output:
```

```
$ cleoswt push action gpkbattlesc1 sel3card '["gbuser111115", "simpleassets", "10000000007694", "10000000007712", "10000000007721"]' -p gbuser111115@active
Error 3050003: eosio_assert_message assertion failure
Error Details:
assertion failure with message: The player - gbuser111115 has no min. balance i.e. '1.00000000 WAX' in the gamefee wallet.
pending console output:
```

```
$ cleoswt push action gpkbattlesc1 sel3card '["gbuser111115", "simpleassets", "10000000007694", "10000000007712", "10000000007721"]' -p gbuser111115@active
executed transaction: 328666f9d1c9f997ce9f163a9d221aac7674b0434e7f4b8a835d0d572065ff37 136 bytes 499 us
# gpkbattlesc1 <= gpkbattlesc1:sel3card
{"player":"gbuser111115","asset_contract_ac":"simpleassets","card1_id":"10000000007694","card2_id":...
# gpkbatescrow <= gpkbatescrow:setcstatus
{"player":"gbuser111115","card_id":"10000000007694","status":"selected"}
# gpkbatescrow <= gpkbatescrow:setcstatus
{"player":"gbuser111115","card_id":"10000000007712","status":"selected"}
# gpkbatescrow <= gpkbatescrow:setcstatus
{"player":"gbuser111115","card_id":"10000000007721","status":"selected"}
# gpkbattlesc1 <= gpkbattlesc1:empifyplayer
{"asset_contract_ac":"simpleassets","player":"gbuser111115"}
warning: transaction executed locally, but may not be confirmed by the network yet ]
```

Post

cardwallet

cardwallet

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

C Refresh

Table Result

#	card_id (key)	contract_ac	usage_status
1	10000000007694	simpleassets	selected
2	10000000007712	simpleassets	selected
3	10000000007721	simpleassets	selected

gfeewallet

configs gfeewallet ongamestat players usergamestat

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

C Refresh

Table Result

#	balance
1	1.00000000 WAX

players

configs gfeewallet ongamestat players usergamestat

Enter Parameters

Scope

gpkbattlesc1

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

C Refresh

Table Result

#	asset_contract_ac (key)	players_list
1	simpleassets	["gbuser111114","gbuser111121","gbuser111111","gbuser111112","gbuser111115"]

3. `gbuser11115` pairs with a player

Pre

players

configs

freewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gpkbattiesc1

Search...

Search...

100

Refresh

Table Result

#	asset_contract_ac (key)	players_list
1	simpleassets	["gbuser111114","gbuser111124","gbuser111111","gbuser111112","gbuser111115"]

ongamestat

configs

greewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gpkbattlesc1

Search...

Search...

100


 Refresh

Table Result

No Data

gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbuser111115

Search...

Search...

100


 Refresh

Table Result

#	balance
1	1.00000000 WAX

## Activity

```
$ cleoswt push action gpkbattlescl pairwplayer '['guser111115', "simpleassets"]' -p
guser111115active
executed transaction: 1bf6cdeb7ded371e4686ab4bae3825ef87b1799f4d137c95b98f2348dd6f6aa 112 bytes 721
us
$ gpkbattlescl <= gpkbattlescl:pairwplayer
{player_1:"guser111115",asset_contract_ac:"simpleassets"}
warning: transaction executed locally, but may not be confirmed by the network yet ]
```

## Post

players

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gxbattles:1

Search...

Search...

100

Refresh

Table Result

#	asset_contract_ac[key]	players_list
1	simpleassets	["gbuser1111134"]

ongamestat

[illegible]

gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbuser111115

Search...

Search...

100

Refresh

Table Result

#	balance
1	1.00000000 WAX

## Activity

## Post

## ongamestat

```
{
  client> get table gpkhattlesci gpkhattlesci ongestat --show-payer --lower 1000179161368 --limit 1
{
  "rows": [
    {
      "data": {
        "game_id": "1000179161368",
        "player_1": "ghoser1111111",
        "game_2": "ghoser111111",
        "game_fee": "1.000000000 MAX",
        "bl_fees_deducted": "y",
        "bz_fees_deducted": "y",
        "asset_contract_ac": "simpleassets",
        "player1_cards": [],
        "player2_cards": [],
        "player1_cards_combo": "",
        "player2_cards_combo": "",
        "start_timestamp": 1615781014,
        "end_timestamp": 0,
        "result": "draw",
        "winner": "",
        "loser": "",
        "winner_transfer_cards": [],
        "loser_transfer_cards": [],
        "card_won": 0,
        "status": "waitdoudraw",
        "random_value": "aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa",
        "draw_count": 1,
        "modraw_count": 0,
        "total_play_count": 1
      },
      "payer": "gpkhattlesci"
    }
  ],
  "more": false,
  "next_key": ""
}
```

## gfeewallet

configs

gfeewallet

ongamestat

players

usergamestat

Enter Parameters

Scope

Lower Bound:

Upper Bound:

Limit

Refresh Table

gbuser111115

Search...

Search...

100

Refresh

Table Result

No Data

5. gbuser111115 gbuser111112 select 3 cards again

Pre

Activity

Post

cardwallet

cardwallet

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	card_id(key)	contract_ac	usage_status
1	10000000007694	simpleassets	available
2	10000000007712	simpleassets	available
3	10000000007721	simpleassets	available

gfeewallet

configs gfeewallet ongamestat players usergamestat

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

No Data

configs gfeewallet ongamestat players usergamestat

Enter Parameters

Scope

gbuser111112

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

No Data

players

configs gfeewallet ongamestat players usergamestat

Enter Parameters

Scope

gpkbattles1

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	asset_contract_ac (key)	players_list
1	simpleassets	["gbuser111114"]

cardwallet

cardwallet

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	card_id(key)	contract_ac	usage_status
1	10000000007694	simpleassets	selected
2	10000000007712	simpleassets	selected
3	10000000007721	simpleassets	selected

gfeewallet

configs gfeewallet ongamestat players usergamestat

Enter Parameters

Scope

gbuser111115

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

No Data

configs gfeewallet ongamestat players usergamestat

Enter Parameters

Scope

gbuser111112

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

No Data

players

configs gfeewallet ongamestat players usergamestat

Enter Parameters

Scope

gpkbattles1

Lower Bound:

Search...

Upper Bound:

Search...

Limit

100

Refresh Table

Refresh

Table Result

#	asset_contract_ac (key)	players_list
1	simpleassets	["gbuser111114"]

```
$ cleoswt push action gpkbattles1 sel3card '["gbuser111115", "simpleassets", "10000000007694", "10000000007712", "10000000007721"]' -p gbuser111115@active
executed transaction: 10faab0cd35640c8dbfe170c78a4af16d2554171fbee6fa8b25be6904a57a95b 136 bytes 442 us
# gpkbattles1 <= gpkbattles1::sel3card
{"player": "gbuser111115", "asset_contract_ac": "simpleassets", "card1_id": "10000000007694", "card2_id": "...
# gpkbatescrow <= gpkbatescrow::setcstatus
{"player": "gbuser111115", "card_id": "10000000007694", "status": "selected"}
# gpkbatescrow <= gpkbatescrow::setcstatus
{"player": "gbuser111115", "card_id": "10000000007712", "status": "selected"}
# gpkbatescrow <= gpkbatescrow::setcstatus
{"player": "gbuser111115", "card_id": "10000000007721", "status": "selected"}
warning: transaction executed locally, but may not be confirmed by the network yet ]
```

```
$ cleoswt push action gpkbattles1 sel3card '["gbuser111112", "simpleassets", "10000000007693", "10000000007695", "10000000007697"]' -p gbuser111112@active
executed transaction: 635e63fd5d2a25b0e0b3e2609f8713647c08a78496a98de135b46ff5dfb6a3ed 136 bytes 564 us
# gpkbattles1 <= gpkbattles1::sel3card
{"player": "gbuser111112", "asset_contract_ac": "simpleassets", "card1_id": "10000000007693", "card2_id": "...
# gpkbatescrow <= gpkbatescrow::setcstatus
{"player": "gbuser111112", "card_id": "10000000007693", "status": "selected"}
# gpkbatescrow <= gpkbatescrow::setcstatus
{"player": "gbuser111112", "card_id": "10000000007695", "status": "selected"}
# gpkbatescrow <= gpkbatescrow::setcstatus
{"player": "gbuser111112", "card_id": "10000000007697", "status": "selected"}
warning: transaction executed locally, but may not be confirmed by the network yet ]
```

6. `gbuser111115` play again for last time

Pre

## Activity

## Post

ongamestat

## accounts

players

ongamestat

usergamestat

accounts

cardwallet

usergamestat

cardwallet

players

THANKS

