

WebSockets API 2.0

WebSocket — TCP, - . , - javascript.

! socket.io-client 0.9.0.

! websocket api, , api.onlinepbx.ru/lib/onpbx_ws_api_2.js.

! : <https://www.npmjs.com/package/onpbx-ws-api>.

! API , support@onlinepbx.ru.

— **onpbx.connect({})**

onpbx.connected — WS:// (true | false)

domain		
key		API

:

```
{
  "domain": "demo.onpbx.ru",
  "key": "123"
}
```

onpbx.command ("", {}, [])

1. "make_call" —

from		()
to		()

from_orig_number		,
from_orig_name		,
domain_to		,
from_name		, ,
gate_from		(, , .)
gate_to		,

:

```
{
  "from": "7777777777",
  "to": "88001006729",
  "from_orig_number": "88001006729",
  "from_orig_name": "onlinePBX inc.",
  "domain_to": "example.onpbx.ru",
  "from_name": "Vasya",
  "gate_from": "73432048020",
  "gate_to": "73432048020"
}
```

:

```
{
  "status": true,
  "data": {
    "uuid":
      "ac1fc137-265e-460b-8f5d-151bd389484e"
  },
  "hash": "wILGN1lQsS3ptIuW"
}
```

2. "transfer" —

uuid		uuid
to		()
gate_to		make_call
domain_to		make_call

:

```
{
  "uuid":
    "19ff59fb-2cfc-1230-66b7-00199988ac0c",
  "to": "88001006729",
  "gate_to": "73432048020",
  "domain_to": "example.onpbx.ru"
}
```

:

```
{
  "status": true,
  "hash": "IBundefinedEGEzdoGXp3KR3"
}
```

3. "bridge" —

uuid		uuid
to_uuid		uuid

:

:

```
{
  "uuid":
  "19ff59fb-2cfc-1230-66b7-00199988ac0c",
  "to_uuid":
  "c519f6b8-283f-4c1b-bfec-5042a1592d68"
}
```

```
{
  "status": true,
  "hash": "t33Xfa9tcjcN4qA0"
}
```

4. "eavesdrop" —

uuid		uuid
from		
gate_from		make_call

:

```
{
  "uuid":
  "19ff59fb-2cfc-1230-66b7-00199988ac0c",
  "from": "222",
  "gate_from": ""
}
```

:

```
{
  "status": true,
  "data": {
    "uuid":
    "1582f1d4-4afc-468c-8658-b89aaf56edd3"
  },
  "hash": "gUr3K5tdQundefinedqbW4E6"
}
```

5. "hangup_call" —

uuid		uuid

:

```
{
  "uuid": "19ff59fb-2cfc-1230-66b7-00199988ac0c"
}
```

:

```
{
  "status": true,
  "hash": "t33Xfa9tcjcN4qA0"
}
```

6. "subscribe" —

events		, 'list' . , :
calls		/
blf		

messages		
callback		
api		
registration		

:

```
{
  "events": {
    "calls": false,
    "blf": true,
    "messages": false,
    "callback": true,
    "api": false,
    "registration": false
  }
}
```

:

```
{
  "status": true,
  "text": "Subscriptions are updated",
  "data": {
    "calls": false,
    "blf": true,
    "fax": false,
    "conference": false,
    "messages": false,
    "callback": true,
    "api": false,
    "registration": false
  },
  "hash": "HzYgQQwjE28xkYYw"
}
```

7. "reboot_phone" — (cisco yealink)

num		
model		(yealink cisco)

:

```
{
  "num": "222",
  "model": "yealink"
}
```

:

```
{
  "status": true,
  "hash": "h6zTtouUrY6EYfd6"
}
```

8. "reloadgw" -

num		

:

```
{
  "num": "73432048020"
}
```

:

```
{
  "status": true,
  "hash": "D4jah0CA7czPpAhl"
}
```

9. "sip_message" — sip (-)

num		
text		(200)

:

```
{
  "num": "222",
  "text": "Hello World!"
}
```

:

```
{
  "status": true,
  "hash": "Qd4PelbvCram9Vni"
}
```

10. "flush_reg" — ()

num			

:

```
{
  "num": "222"
}
```

:

```
{
  "status": true,
  "hash": "OaEVdkhgL7bBuR2T"
}
```

11. "trunk_list" — ()

data		data
extension		
desc		
dest		
uri		SIP
status		C

, ...

:

```

{
  "status": true,
  "data": [
    {
      "extension": "88001006729",
      "desc": "zebra",
      "dest": "6201",
      "uri": "005815@sip.zebra.ru",
      "status": "REGED"
    }
  ],
  "hash": "91bCrSfPXD6optBT"
}

```

12. "user_list" — ()

data	data
name	
local_ip	
local_por	
exp	UNIX timestamp
realm	SIP
uid	
ip	
port	
agent	

...

:

```

{
  "status": true,
  "data": [
    {
      "name": "Vyacheslav",
      "local_ip": "172.27.0.58",
      "local_port": "5060",
      "exp": 1375525567000,
      "realm": "example.onpbx.ru",
      "uid": "222",
      "ip": "213.222.45.85",
      "port": "5060",
      "agent": "Cisco/SPA303-7.4.9c"
    }
  ],
  "hash": "V1ltjwe5XXXfVAa4"
}

```

13. "message" —

data		, (,)
target		- 'domain'. : 'domain' - 'browser' -

```
:  
  
{  
  data : "Hi All!"  
  target : "domain"  
}  
  
:  
  
{  
  "status": true,  
  "hash": "SKP6GulcLeJdjx1"  
}
```

14.

status	
text	

```
:  
  
{  
  "status": false,  
  "text": "CALL_REJECTED",  
  "hash": "mAXgxFJundefinedvspIYGfc"  
}
```

onpbx.on ("", function(data){...})

1. "connect" - WS://

data		undefined

2. "disconnect" — WS://

data		undefined

3. "blf" — (,,)

uid	
status	()
direction	("in" / "out")
rank	("master" / "slave"). Master , slave
other_leg	
uuid	
timestamp	(UNIX timestamp - http://www.unixtimestamp.com/index.php)

:

```
data:{
  "uid": "204",
  "status": "ringing",
  "direction": "out",
  "rank": "master",
  "other_leg": "73432048020",
  "uuid": "22c9e591-3784-4c64-8ebf-c8bfcef17776",
  "timestamp": 1452498750
}
```

4. "registration" —

uid	
agent	
state	: pre_register" - ; "register_attempt" - /; "register" -
ip	IP
port	
expires	

:

```
data:{
  "uid": 201,
  "agent": "Cisco SPA303-g2",
  "state": "register",
  "ip": "8.8.8.8",
  "port": 5060,
  "expires": 3600
}
```


5. "channel_create" —

uuid		
direction		" " . (inbound/outbound)
created_stamp		unix timestamp
state		
endpoint		
domain		SIP
caller_number		
caller_name		
destination_number		
destination_host		SIP
gate		()
diversion		RDNIS

:

```
data:{
  "uuid": "5dc1cdca-9e80-4b94-9633-asdasdadasa",
  "direction": "inbound",
  "created_stamp": 1440864124272,
  "state": "CS_INIT",
  "endpoint": "9090001122",
  "domain": "example.onpbx.ru",
  "caller_number": "9090001122",
  "caller_name": "9090001122",
  "destination_number": "555",
  "destination_host": "555.127.255.XXX",
  "gate": "4951112233",
  "diversion": "555@XXX.145.43.XXX:5061"
}
```

6. "channel_destroy" —

uuid		
direction		« » . (inbound/outbound)
created_stamp		unix timestamp
state		
endpoint		
hangup_cause		- http://api.onlinepbx.ru/lib/hangup_cause.js

:

```

data:{
  "uuid": "22c9e591-3784-4c64-8ebf-c8bfcef17776",
  "direction": "inbound",
  "created_stamp": "1375466463124",
  "state": "CS_DESTROY",
  "endpoint": "222@example.onpbx.ru",
  "hangup_cause": "NORMAL_CLEARING"
}

```

7. "channel_answer" —

uuid		
answered_stamp		()
read_codec		
read_rate		
read_bitrate		
write_codec		
write_rate		
write_bitrate		

:

```

data:{
  "uuid": "22c9e591-3784-4c64-8ebf-c8bfcef17776",
  "answered_stamp": "1375466463124",
  "read_codec": "PCMU",
  "read_rate": "8000",
  "read_bitrate": "64000",
  "write_codec": "PCMA",
  "write_rate": "8000",
  "write_bitrate": "64000"
}

```

8. "channel_bridge" —

direction		« » . (inbound/outbound)
aleg_uuid		uuid
bleg_uuid		uuid

:

```
data:{
  "direction": "inbound",
  "aleg_uuid": "22c9e591-3784-4c64-8ebf-c8bfcef17776",
  "bleg_uuid": "129d1446-0063-122c-15aa-001a923f6a0f"
}
```

9. "channel_application" —

uuid		
application		,
application_data		

:

```
data:{
  uuid : "22c9e591-3784-4c64-8ebf-c8bfcef17776",
  application : "transfer",
  application_data : { ... }
}
```

, - api.onlinepbx.ru/example/ws_connect_call.html