Cheatography

httpx Cheat Sheet

by linux_china via cheatography.com/141366/cs/30801/

Simple index.http file

```
#!/usr/bin/env httpx --httpfile
### get my internet ip
# @name myip
GET https: //h ttp bin.org/ip
```

HTTP syntax: https://www.jetbrains.com/help/idea/exploring-http-syntax.html

Where to load http file?

1. Assigned by --justfile option
2. Find index.http in current directory
3. Try to find index.http in parent dir util to root
4. Load default $HOME/.httpx/index.http

Test services in htttp file

```
$ httpx --list
$ httpx myip
$ echo hello | httpx post
$ httpx post --data
@/path /to /file
```

Zsh completion

```
$ httpx --completions zsh
```

Generate HTTP file from OpenAPI

```
httpx -f demo.http --import
https://api.example.com/openapi.jsonn
```

REST API

```
### get my internet ip
# @name myip
GET https: //h ttp bin.org/ip
### inspection http post
# @name post
POST https: //h ttp bin.or -
g/post
```

REST API (cont)

> Content-Type: application/json
[1]

Email

```
### send an email by Gmail
//@name mail
MAIL mailto :de mo@ exa mpl -
e.com
Host: tls:// smt p.g mai l.c -
om:587
Author iza tion: Basicyour_n -
ame @gm ail.com:googl e_a pp_ -
pas sword
From: your_n ame @gm ail.com
Subject: e-nice to meet you
Conten t-Type: text/plain
Hi Master:
     bala bala ...
Best regards
Yours sincerely Zombie
```

gRPC

```
### grpc call SayHello
//@name SayHello
GRPC localh ost :50 052 /Gr -
eet er/ Say Hello
{
    " nam e": " Jac kie "
}
```

GraphQL

```
### graphql query
GRAPHQL https: //c oun tri -
es.t re vor bla des.com/
Conten t-Type: applic ati on/ -
graphql

query { continents { name } }
### graphql query over WebSocket
GRAPHQL ws://l oca lho st: 400 -
0/g raphql
```

GraphQL (cont)

> Content-Type: application/graphql
subscription { greetings }
graphql over RSocket
GRAPHQL rsocketws://localhost:8080/rsocket/graphql
Content-Type: application/graphql

query { continents { name } }

RSocket

```
### RSocket Request
// @name rsocke t-r equest
RSOCKET com.ex amp le.U se rSe -
rvi ce.f in dById
Host: 127.0.0.1 :42252
Conten t-Type: applic ati -
on/json
1
### RSocket Request
//@name rsocke t-s tream
STREAM com.ex amp le.U se rSe -
rvi ce.f indAll
Host: ws://1 27.0.0.1: 808 0/r -
socket
Conten t-Type: applic ati -
on/json
" vip "
```

Apache Dubbo

```
### Dubbo sayHi
//@name sayHi
DUBBO 127.0.0.1 :20 880 /Gr -
eet ing sSe rvi ce/ say Hi( -
jav a.l ang.St ring)
Conten t-Type: applic ati -
on/json
" jac kie "
```


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ZeroMQ

```
### zeromq request
//@name zero-req
ZEROREQ 127.0.0.1 :5555
Conten t-Type: applic ati -
on/json
" Jac kie "
### subscribe zeromq
//@name zero-sub
SUB topic1
Host: zeromq :// loc alh -
ost :5555
```

Apache Thrift

```
### thrift request
THRIFT 127.0.0.1 :90 90/ getUser
Conten t-Type: applic ati -
on/json
                                -


{
          " 1": {"i3 2": 1}
}
```

Kafka

```
### publish kafka message
//@name kafka-pub
PUB topic-1
Host: kafka: //l oca lho st:9092
Conten t-Type: applic ati -
on/json
{
    " nam e": " Jac kie "
}
### subscribe kafka topic
//@name kafka-sub
SUB topic-1
Host: kafka: //l oca lho st:9092
```

Apache Pulsar

```
### publish kafka message
//@name pulsar-pub
PUB topic-1
Host: pulsar :// loc alh -
ost :6650
Conten t-Type: applic ati -
on/json
{
    " nam e": " Jac kie "
}
### subscribe Pulsar topic
//@name pulsar-sub
SUB topic-1
Host: pulsar :// loc alh -
ost :6650
```

RabbitMQ

```
### publish RabbitMQ message
//@name rabbit-pub
PUB queue1
Host: amqp:/ /lo cal hos t:5672
Conten t-Type: applic ati -
on/json
{
    " nam e": " Jac kie "
}
### Subscribe RabbitMQ queue
//@name rabbit-sub
SUB queue1
Host: amqp:/ /lo cal hos t:5672
```

Redis Pub/Sub

```
### publish redis message
//@name redis-pub
PUB channel1
Host: redis: //l oca lho st:6379
```

Redis Pub/Sub (cont)

```
> Content-Type: application/json
{
"name": "Jackie"
}
### subscribe redis
//@name redis-sub
SUB channel1
Host: redis://localhost:6379
```

Pub/Sub more

```
* Nats
* AMQP, MQTT, Stomp
* Aliyun MNS/Ev ent Bridge
* AWS SNS/SQ S/E ven tBridge
```

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