```
http parser
       + type
       + flags
       + state
       + header state
       + index
       + nread
       + content length
       + http_major
       + http minor
       + status_code
       + method
       + http errno
       upgrade
       + data
crow::HTTPParser< Handler >
+ raw url
+ url
+ header building state
+ header field

    + header value

+ headers
+ url params
+ body
+ handler
+ HTTPParser()
+ feed()
+ done()
+ clear()
+ process_header()
+ process message()
+ to request()
+ is_upgrade()
```

+ check_version()
+ on_message_begin()

+ on_header_field()+ on_header_value()+ on_headers_complete()

+ on_message_complete()

+ on url()

+ on body()