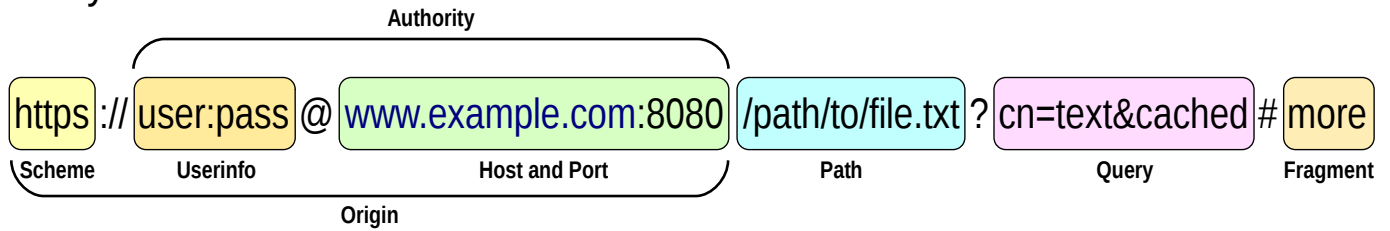


# Boost.URL Reference Card

## URL syntax



## url and url\_view

### Scheme

has\_scheme  
scheme  
scheme\_id  
  
set\_scheme  
set\_scheme\_id  
remove\_scheme  
normalize\_scheme

### Userinfo

has\_userinfo  
has\_password  
password  
user  
userinfo  
encoded\_password  
encoded\_user  
encoded\_userinfo  
  
set\_password  
set\_user  
set\_userinfo  
set\_encoded\_password  
set\_encoded\_user  
set\_encoded\_userinfo  
remove\_userinfo  
remove\_password

### Host and Port

has\_port  
host\_type  
hostname  
ipv4\_address  
ipv6\_address  
ipv\_future  
host  
port  
port\_number  
encoded\_host  
encoded\_host\_and\_port  
encoded\_hostname  
  
set\_host  
set\_port  
set\_encoded\_host  
remove\_port

### Path

is\_path\_absolute  
encoded\_path  
encoded\_segments  
segments  
  
set\_path\_absolute  
set\_encoded\_path  
normalize\_path

### Query

has\_query  
params  
query  
encoded\_params  
encoded\_query  
  
set\_query  
set\_encoded\_query  
remove\_query  
normalize\_query

### Fragment

has\_fragment  
encoded\_fragment  
fragment  
  
set\_fragment  
set\_encoded\_fragment  
remove\_fragment  
normalize\_fragment

### Authority

has\_authority  
authority  
encoded\_authority  
  
set\_encoded\_authority  
remove\_authority

### Origin

encoded\_origin  
remove\_origin

## Other

### Path

segments  
segments\_encoded  
segments\_view  
segments\_encoded\_view

### Query

params  
params\_encoded  
params\_view  
params\_encoded\_view

### Parsing Functions

parse\_absolute\_uri  
parse\_authority  
parse\_origin\_form  
parse\_relative\_ref  
parse\_uri  
parse\_uri\_reference  
  
parse\_path  
parse\_query\_params

### Percent-Decoding

pct\_decode  
pct\_decode\_bytes\_unchecked  
pct\_decode\_to\_value  
pct\_decode\_unchecked  
pct\_encode  
pct\_encode\_bytes  
pct\_encode\_to\_value  
validate\_pct\_encoding  
  
pct\_decode\_opts  
pct\_encode\_opts