Boost.URL Reference Card

URL syntax

Authority

https :// user:pass @ www.example.com:8080 /path/to/file.txt ? cn=text&cached # more

Scheme · Userinfo · Host and Port · Path · Query · Fragment

Origin
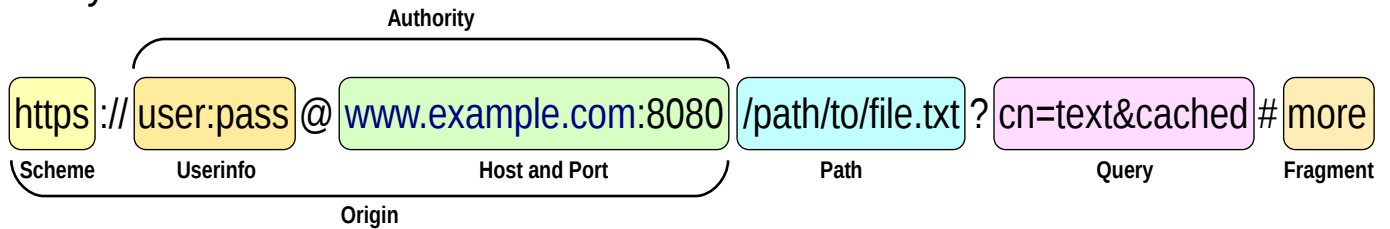
url and url_view

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_user
remove_userinfo
remove_password
```

Host and Port

```
has_port
host_type
ipv4_address
ipv6_address
ipv_future
host
port
port_number
encoded_host
encoded_host_and_port

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_path
parse_query_params
parse_relative_ref
parse_uri
parse_uri_reference
```

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
```

Boost