

CGI (Common gateway interface): i server diventano praticamente terminali applicativi. → eseguire programmi sul server

In realtà così è poco sicuro, si usano interpreteri con forti limitazioni

```
URI = ( absoluteURI | relativeURI ) [ "#" fragment ]

absoluteURI = scheme ":" *( uchar | reserved )

relativeURI = net_path | abs_path | rel_path

net_path = "://" net_loc [ abs_path ]
abs_path = "/" rel_path
rel_path = [ path ] [ ";" params ] [ "?" query ]

path = fsegment *( "/" segment )
fsegment = 1*pchar
segment = *pchar

params = param *( ";" param )
param = *( pchar | "/" )

scheme = 1*( ALPHA | DIGIT | "+" | "-" | "." )
net_loc = *( pchar | ";" | "?" )
query = *( uchar | reserved )
fragment = *( uchar | reserved )

pchar = uchar | ":" | "@" | "&" | "=" | "+"
uchar = unreserved | escape
unreserved = ALPHA | DIGIT | safe | extra | national

escape = "%" HEX HEX
reserved = ";" | "/" | "?" | ":" | "@" | "&" | "=" | "+"
extra = "!" | "*" | "'" | "(" | ")" | "," | "."
safe = "$" | "-" | "_" | "."
unsafe = CTL | SP | "<" | ">" | "#" | "%" | "<" | ">"
national = <any OCTET excluding ALPHA, DIGIT,
```

? p1=xxx & p2=yyy

? query → parametri

http
scheme https://www.google.com
pippo

ftp://ftp.ietf.org

s-Lee, et al Informational [Page 14]
45 HTTP/1.0 May 1996

reserved, extra, safe, and unsafe>

```
http_URL = "http:" "://" host [ ":" port ] [ abs_path ]

host = <A legal Internet host domain name
      or IP address (in dotted-decimal form),
      as defined by Section 2.1 of RFC 1123>

port = *DIGIT
```

HEADERS:

```
Request-Header = Authorization
                  | From
                  | If-Modified-Since
                  | Referer
                  | User-Agent
```

Referer mi dice l'URL precedente prima che facessi la ricerca