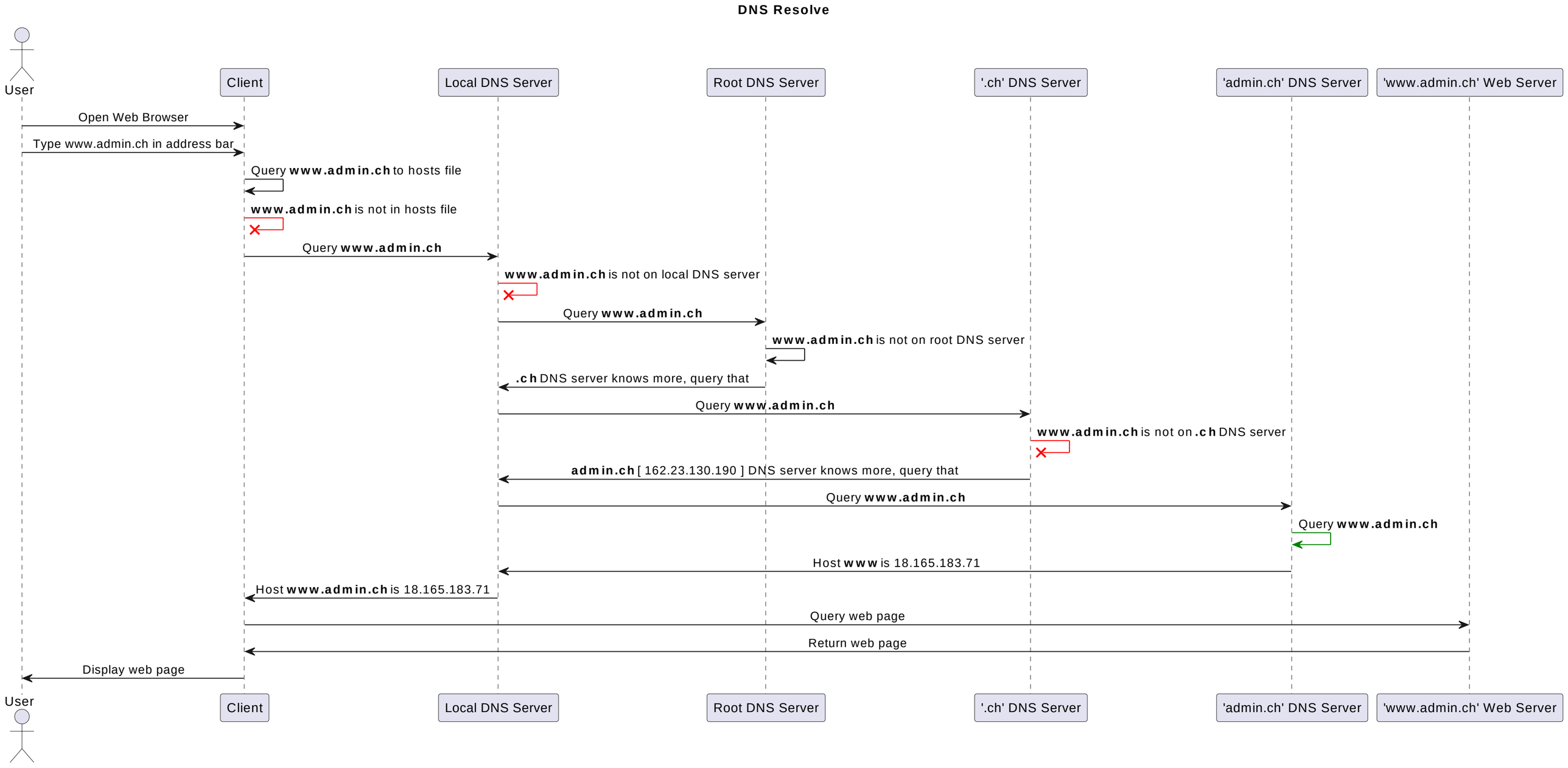
DNS Resolve
User
Client
Local DNS Server
Root DNS Server
'.ch' DNS Server
'admin.ch' DNS Server
'www.admin.ch' Web Server
Open Web Browser
Type www.admin.ch in address bar
Query www.admin.ch to hosts file
www.admin.ch is not in hosts file
Query www.admin.ch
www.admin.ch is not on local DNS server
Query www.admin.ch
www.admin.ch is not on root DNS server
.ch DNS server knows more, query that
Query www.admin.ch
www.admin.ch is not on .ch DNS server
admin.ch [162.23.130.190] DNS server knows more, query that
Query www.admin.ch
Query www.admin.ch
Host www is 18.165.183.71
Host www.admin.ch is 18.165.183.71
Query web page
Return web page
Display web page