NAME

LWP::Protocol::https – Provide https support for LWP::UserAgent

SYNOPSIS

```
use LWP::UserAgent;

$ua = LWP::UserAgent->new(ssl_opts => { verify_hostname => 1 });
$res = $ua->get("https://www.example.com");

# specify a CA path
$ua = LWP::UserAgent->new(
    ssl_opts => {
        SSL_ca_path     => '/etc/ssl/certs',
        verify_hostname => 1,
    }
);
```

DESCRIPTION

The LWP::Protocol::https module provides support for using https schemed URLs with LWP. This module is a plug-in to the LWP protocol handling, so you don't use it directly. Once the module is installed LWP is able to access sites using HTTP over SSL/TLS.

If hostname verification is requested by LWP::UserAgent's `ssl_opts`, and neither `SSL_ca_file` nor `SSL_ca_path` is set, then `SSL_ca_file` is implied to be the one provided by Mozilla::CA. If the Mozilla::CA module isn't available SSL requests will fail. Either install this module, set up an alternative `SSL_ca_file` or disable hostname verification.

This module used to be bundled with the libwww-perl, but it was unbundled in v6.02 in order to be able to declare its dependencies properly for the CPAN tool-chain. Applications that need https support can just declare their dependency on LWP::Protocol::https and will no longer need to know what underlying modules to install.

SEE ALSO

IO::Socket::SSL, Crypt::SSLeay, Mozilla::CA

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