OS X Native SSL: Secure Communication

Version 6.6

July 22, 2016

```
(require net/osx-ssl)          package: base
```

The `net/osx-ssl` module offers a fraction of the functionality of `openssl` and works only on OS X, but it has the advantage that it works before OpenSSL libraries are installed.

Added in version 6.3.0.12 of package `base`.

```
(osx-ssl-connect  hostname
                  port-no
                  [client-protocol])
 → input-port?
    (and/c output-port? osx-ssl-output-port?)
  hostname : string?
  port-no : (integer-in 1 65535)
  client-protocol : (or/c 'secure 'auto
                          'sslv2-or-v3 'sslv2 'sslv3 'tls 'tls11 'tls12)
                  = 'auto
```

Like `ssl-connect`, but without support for client contexts.

```
(osx-ssl-abandon-port in) → void?
  in : osx-ssl-output-port?
```

Analogous to `ssl-abandon-port`.

```
(osx-ssl-output-port? v) → boolean?
  v : any/c
```

Returns #t of `v` is an SSL output port produced by `osx-ssl-connect`.

```
(osx-old-openssl?) → boolean?
```

Returns `#t` if the OpenSSL library currently accessed by `openssl` is too old, in which case `osx-ssl-connect` should be preferred.