
Subject: Re: [BUG] HttpRequest fails under FreeBSD
Posted by [Mindtraveller](#) on Fri, 25 Jan 2013 21:20:50 GMT
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Timeout check added.

Index: Socket.cpp

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=====
--- Socket.cpp (revision 5727)
+++ Socket.cpp (working copy)
@@ -268,7 +268,7 @@
     sslinfo.Clear();
     start_time = Null;
     global_timeout = Null;
-#ifdef PLATFORM_WIN32
+#if (PLATFORM_WIN32 || PLATFORM_BSD)
     connection_start = Null;
 #endif
     ssl_start = Null;
@@ -293,6 +293,9 @@
     return false;
 }
 #else
+ #if (PLATFORM_BSD)
+ connection_start = msec();
+ #endif
     if(fcntl(socket, F_SETFL, (fcntl(socket, F_GETFL, 0) | O_NONBLOCK))) {
         SetSockError("fcntl(O_[NON]BLOCK)");
         return false;
@@ -509,7 +512,12 @@
 {
     int c = GetErrorCode();
 #ifdef PLATFORM_POSIX
- return c == SOCKERR(EWOULDBLOCK) || c == SOCKERR(EAGAIN);
+ #ifdef PLATFORM_BSD
+ DUMP(connection_start);
+ if(c == SOCKERR(ENOTCONN) && !IsNull(connection_start) && msec(connection_start) <
20000)
+ return true;
+ #endif
+ return c == c == SOCKERR(EWOULDBLOCK) || c == SOCKERR(EAGAIN);
 #endif
 #ifdef PLATFORM_WIN32
     if(c == SOCKERR(ENOTCONN) && !IsNull(connection_start) && msec(connection_start) <
20000) {
@@ -599,7 +607,7 @@
     return false;
 }

```

```

    if(avail > 0) {
- #ifdef PLATFORM_WIN32
+ #if (PLATFORM_WIN32 || PLATFORM_BSD)
        connection_start = Null;
    #endif
        return true;
@@ -630,7 +638,7 @@
    { // Compute time limit for operation, based on global timeout and per-operation timeout settings
        int o = min(IsNull(global_timeout) ? INT_MAX : start_time + global_timeout,
                    IsNull(timeout) ? INT_MAX : msecsecs() + timeout);
-#ifdef PLATFORM_WIN32
+##if (PLATFORM_WIN32 || PLATFORM_BSD)
        if(GetLastError() == SOCKET_ERROR(ENOTCONN) && !IsNull(connection_start))
            if(msecsecs(connection_start) < 20000)
                o = connection_start + 20000;
Index: Inet.h
=====
--- Inet.h (revision 5727)
+++ Inet.h (working copy)
@@ -88,7 +88,7 @@

    int            global_timeout;
    int            start_time;
-#ifdef PLATFORM_WIN32
+##if (PLATFORM_WIN32 || PLATFORM_BSD)
    int            connection_start;
    #endif
    int            ssl_start;

```
