Troubleshoot Building Orx

This page is a random collection of tips for when you have difficulty building Orx.

.../memory/orxMemory.c:47:20: fatal error: malloc.c: No such file or directory

You need to run setup.sh / setup.bat to get the Orx dependencies.

This will occur if:

1. You never ran setup before, or:
2. You've done a git pull for the latest and forgot to run setup again for the latest dependencies.

The setup command should be automatic when first cloning. Try running ./setup.sh or setup.bat again.

> Hidden section

No output on mingw

For specific mingw issues, see the troubleshooter on [this page](#).

C1900: Il mismatch in VS2015

```
>LINK : fatal error C1900: Il mismatch between 'P1' version '20150812' and
'P2' version '20130802'
```

If you get the above error in VS2015, it is because you need VS2015 Update 3. You can update under Tools / Extensions and Updates. Choose `Update 3`. This will download the installer to your machine. You'll need to close Visual Studio while you run the update.

Error running ./setup.sh

```
  ** Access Error: protocol error: "Timeout"

  ** Where: fail unless until sync-op either --anonymous-- read either
either do catch either either --anonymous-- do trap if --anonymous--
  ** Near: fail make-http-error "Timeout" ??
```

```
  ** File: code/build/rebol/setup.r
  ** Line: 51''
```

or

```
** Access Error: protocol error: "Server closed connection"
** Where: fail switch awake either switch switch --anonymous-- wake-up
either until --anonymous-- wait until sync-op either --anonymous-- read
either either do catch either either --anonymous-- do trap if --anonymous--
** Near: _ fail error ??
** File: code/build/rebol/setup.r
** Line: 51
```

Just some glitch out there in the matrix, like a network timeout. Just try ./setup.sh again.

/usr/bin/ld: cannot find -lsndfile

If you are building under Linux, you may possibly encounter this error while trying to compile

```
 /usr/bin/ld: cannot find -lsndfile
```

You require the libsndfile-devel package. For Fedora:

```
 yum install libsndfile-devel
```

Or in Debian or Ubuntu:

```
 apt install libsndfile1-dev
```

For more details on libraries required on Linux for Orx, see: Compiling the Orx library for Linux

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