**Description**

The stack size of the main thread when pthread is used is limited to 4 MB (hard coded value). This breaks, for example, the crystal compiler ([www.crystal-lang.org](http://www.crystal-lang.org)).

The stack size of a process not using pthread is limited by RLIMIT_STACK. As soon as pthread is linked in, the main thread's stack size is limited to 4 MB.

FreeBSD uses two environment variables LIBPTHREAD_BIGSTACK_MAIN and LIBPTHREAD_SPLITSTACK_MAIN to control use of RLIMIT_STACK vs. the hard-coded 4MB and defaults to respect RLIMIT_STACK when none is specified.

This patch

[https://leaf.dragonflybsd.org/~mneumann/patch-libthread_xu.diff](https://leaf.dragonflybsd.org/~mneumann/patch-libthread_xu.diff)

fixes the issue. Crystal compiles.

**Files**

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<thead>
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<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
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<td>1.59 KB</td>
<td>04/25/2020</td>
<td>mneumann</td>
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