
Subject: remote build

Posted by [cocob](#) on Fri, 28 Nov 2008 22:58:11 GMT

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I have tried TheIDE remote build functionality. It's seems to be very nice but on a linux remote host i get these errors.

```
g++: error trying to exec 'as': execvp: No such file or directory
```

But as command is on /usr/bin.

Can you help me ?

cocob

Subject: Re: remote build

Posted by [cocob](#) on Sat, 29 Nov 2008 11:14:13 GMT

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Just an other little thing.

It seems that the build is parallelized with the count of processor on the local machine (not the remote) so my single processor server is building 4 files at the same time. funny...

cocob

Subject: Re: remote build

Posted by [cocob](#) on Mon, 01 Dec 2008 17:47:49 GMT

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Nobody can help me with this ?

```
g++: error trying to exec 'as': execvp: No such file or directory
```

For information i'm on Windows VISTA and remote host is debian.
But when i build from an ubuntu OS with the same remote host it works perfectly

Subject: Re: remote build

Posted by [cocob](#) on Wed, 14 Jan 2009 19:22:22 GMT

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For your informations i have always this kind of problems with remote builds

```
g++: error trying to exec 'cc1plus': execvp: No such file or directory
```

Here on a Solaris Sparc host. But when i run directly the command on the solaris shell (commad copied from theide verbose mode) it is ok...

cocob

Subject: Re: remote build
Posted by [cocob](#) on Thu, 15 Jan 2009 21:41:45 GMT
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I think the problem come from StartProcess (on TServ package) wich does not use environnement pointer. On this host gcc will not work if environnement variables (LD_LIBRARY_PATH for example) are not defined correctly.

Please help me to modify the call to StartProcess() to transfert environnement variables.

Thanks for your help

Subject: Re: remote build
Posted by [cocob](#) on Tue, 09 Jun 2009 13:01:58 GMT
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Remote build works well now.

The only remaining problem comes from path defined in package organizer.
I have defined relative paths to static libraries in linker options ("-L../path/libs/.."). These path are ignored and libs are not uploaded on the server.

I know it is a difficult question, but it would be very nice to have a solution for this.

cocob

Subject: Re: remote build
Posted by [rylek](#) on Thu, 11 Jun 2009 20:44:30 GMT
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Hi there!

Thanks for locating and fixing the problem with assembler invocation. As concerns -L, I'm not sure I understand your meaning. Is the problem caused by the remote build omitting the library path specifications, or by the physical library files residing on the local host instead of the remote host?

It should be possible to fix the omitted library paths but it doesn't seem to me a very good idea to transfer physical library files between the hosts during the build process. The libraries being built on-the-fly during the build appear and remain on the remote host and I see no reason to install third-party libraries on the local host at all (as they belong to the remote host environment). I still have a feeling I'm missing something there, could you please explain the last problem to me in greater detail?

Regards

Tomas
