## Subject: Other operating systems
Posted by cocob on Sat, 29 Nov 2008 13:26:07 GMT
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I'm interested to use on other operating systems like AIX, HP-UX, xBSD, ...
Do your think portage on theses platforms are possible or not ?
I will try it soon.

cocob

## Subject: Re: Other operating systems
Posted by masu on Sat, 29 Nov 2008 20:49:52 GMT
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Hi,

right now I am porting it to OpenBSD and I will also do for NetBSD and DragonflyBSD.

If you only want to use it, then I would recommend FreeBSD which is the oldest supported BSD system.

Of course it would be nice trying to port it to other platforms, please go ahead I am willing to help you if I can.

Regards,
Matthias

## Subject: Re: Other operating systems
Posted by cocob on Sat, 29 Nov 2008 21:02:06 GMT
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Yes more platforms is nice but like i said in an other post ( http://www.ultimatepp.org/forum/index.php?t=msg&th=4008& amp;start=0&) i think we must introduce the notion of architecture. For example in solaris we must know if we are building for SPARC or X86. In HP-UX for RISC or IA64, ...

## Subject: Re: Other operating systems
Posted by masu on Sat, 29 Nov 2008 21:09:49 GMT
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With the automatic build method setup, it is theoretically possible to detect the underlying architecture, but it is not supported right now (at least AFAIK).

However, you can always define your architecture flag for the compiler you use, e.g. I use

march=pentiumpro.

Matthias

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## Subject: Re: Other operating systems
Posted by cocob on Sat, 29 Nov 2008 21:49:12 GMT
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Yes no problem for the compiler option, but it would be nice that theIde add a flag during the build to encapsulate code with #ifdef or manage package organiser

for example

GCC LINUX X64

instead of

GCC LINUX

cocob

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## Subject: Re: Other operating systems
Posted by bytefield on Sat, 29 Nov 2008 22:05:59 GMT
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cocob wrote on Sat, 29 November 2008 23:49Yes no problem for the compiler option, but it would be nice that theIde add a flag during the build to encapsulate code with #ifdef or manage package organiser

for example

GCC LINUX X64

instead of

GCC LINUX

cocob

What happen when you want to build 32 bit app. on 64 bit platform? That's why the build is customizable and you can add build flags for a package particularly and for all packages, anyway it isn't that hard to set a flag in TheIDE for every package, is it?

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**Subject: Re: Other operating systems**
Posted by cocob on Sun, 30 Nov 2008 10:27:19 GMT
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No it isn't. It's like a do actually but i thought it would be great to not have a X86 flag on SPARC or a X64 flag on PPC. Really this is complicated to find a way to work in all cases.

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**Subject: Re: Other operating systems**
Posted by mirek on Tue, 02 Dec 2008 17:59:54 GMT
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cocob wrote on Sun, 30 November 2008 05:27No it isn't. It's like a do actually but i thought it would be great to not have a X86 flag on SPARC or a X64 flag on PPC. Really this is complicated to find a way to work in all cases.

Maybe we can relly a little bit more on predefined macros:

http://gcc.gnu.org/onlinedocs/cpp/System_002dspecific-Predef
ined-Macros.html#System_002dspecific-Predefined-Macros

Mirek

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**Subject: Re: Other operating systems**
Posted by bytefield on Tue, 02 Dec 2008 21:17:56 GMT
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http://predef.sourceforge.net/index.php
Different predefined macros(compilers, O.S., cpu, etc).

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**Subject: Re: Other operating systems**
Posted by mirek on Thu, 04 Dec 2008 11:33:56 GMT
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bytefield wrote on Tue, 02 December 2008 16:17http://predef.sourceforge.net/index.php
Different predefined macros(compilers, O.S., cpu, etc).

Good find, thanks.

I guess that bloody ugly start of Core.h can and should be refactored...

Mirek