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Subject: : E-UAE

Topic: : e-uaes from os4depot, fresh recompile (post #10)

Re: e-uaes from os4depot, fresh recompile (post #10)

Author: : MickJT

Date: : 2018/11/24 11:16:55

URL:

@kas1e

Without `_ARCH_PWR4` defined (which also gets defined by `-mcpu=970`), then the JIT is very slow on X1000.

See <http://euaejit.blogspot.com/2012/10/jinxed-it-more-apples.html> and <http://euaejit.blogspot.com/2014/07/p...dreds-and-xthousands.html>

Note that `-mno-powerpc64` will be needed if you're going to use `-mcpu=970`, otherwise you'll get weird stuff like the mouse movements being inverted (see [this link](#)).

As for the stuff I said in the e-mail about `-maltivec`, it just causes strange behaviour if linked with the current binutils. Not necessarily crashes, but just incorrect code execution. Using `-N` when linking fixes it, or manually using `amigaos.x` from an older binutils (i.e the one included in SDK 53.30) with `-WI,-T /path/to/file.x`

> And you probably build a generic version and x1000 one before with that flag ?

That flag/definition is the difference between an X1000 and non-X1000 version, so there's no such thing as building a "generic" version with that flag. I probably confused you by talking about altivec flags in the email.

There's no altivec code in e-uae, but I think the `-maltivec` flag was possibly used in Rachy's X1000 builds regardless, and I think it does have some minor effect even on code that has no specific altivec instructions, so I thought I'd let you know about any problems that might arise from using that.