
Subject: Re: Can't link the project if package contains no any cpp/c files

Posted by [koldo](#) on Wed, 15 Jul 2009 21:12:59 GMT

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gridem wrote on Wed, 15 July 2009 20:49Quote:I will be very happy if you include Eigen in Bazaar.

In fact when I posted in [#msg_22106](http://www.ultimatepp.org/forum/index.php?t=msg&goto=22106) that I was going to include a new Matrix algebra and numerical methods package in Bazaar, I finally decided to base it in Eigen.

Eigen is well documented, compiles well in Upp and the Forum support is strong with experienced people opened to help.

Yes, I think so too.

I've attached the Eigen package to the first message. Unfortunately I can't put it into bazaar (I have no access to it). Just unpack and compile the attached archive file.

Regards, Grigory.

Hello Grigory

One of the good things of Eigen is that its syntax is rather familiar to an Upp programmer without need of almost any wrapper.

However I thought to wait to propose it into Bazaar because I wanted to use it and from the experience to see how to integrate it a little better with Upp as Eigen is designed to be used from C++ standard library.

Other thing I wanted to do before is to prepare a sample:

- simple
- as familiar as possible to an Upp programmer
- but showing the power of Eigen doing something useful (image processing, 3D transforms, ...)
- and comparing Eigen speed with other perhaps more evident algorithms but much less efficient

What do you think?