Suporte (GridUNESP) - Problema #117
Erro ao compilar MPI com ICC

28 Apr 2010 13:37 - Gabriel Winckler

Status:	Resolvida	**Start date:**	28 Apr 2010
Priority:	Normal	**Due date:**	
Assignee:	Gabriel Winckler	**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			

Description

Ao se usar o mpiicc:

```
[winckler@access ~]$ mpiicc hello.c
/opt/intel/impi/3.2.1.009/include/mpi.h(35): catastrophic error: #error directive: A wrong version of mpi.h file was included. Check include path.
  #         error A wrong version of mpi.h file was included. Check include path.
            ^

compilation aborted for hello.c (code 4)
```

History

#1 - 28 Apr 2010 13:45 - Gabriel Winckler

- Status changed from Em andamento to Resolvida

O problema estava no "source" das variáveis da intel.

O arquivo /etc/profile.d/intel.[c]sh estava carregando o ambiente 32bits.

Segue a versão corrigida (sh).

```
source /opt/intel/impi/3.2.1/bin64/mpivars.sh
source /opt/intel/Compiler/11.1/059/bin/ifortvars.sh intel64
source /opt/intel/Compiler/11.1/059/bin/iccvars.sh intel64
```

#2 - 28 Apr 2010 13:55 - Gabriel Winckler

Esse erro também fazia com que todos os programas MPI fossem compilados com 32 bits, e não 64.

Gabriel Winckler wrote:

> *O problema estava no "source" das variáveis da intel.*
>
> *O arquivo /etc/profile.d/intel.[c]sh estava carregando o ambiente 32bits.*
>
> *Segue a versão corrigida (sh).*
>
> *[...]*