Ports - Porting #62

Implement --hash-style=gnu for MIPS

2012-04-03 09:44 AM - mtjm

Status:	open	**% Done:**	0%
Priority:	wish		
Assignee:			
Category:			

Description

http://www.akkadia.org/drepper/dsohowto.pdf explains the advantages.

The only problem with this known to me is that the MIPS ABI requires a different symbol ordering for an optional (unused?) feature. However, there are many other problems with the ABI which we already ignore:

- only MIPS I instructions are allowed * only O32 is allowed * only big endian is allowed * we use more precise long doubles * we use more relocation types

Thus no MIPS ABI-compatible program runs here, I don't see a need for requiring compatibility with it (and gcc already has ABI-incompatible options like -march).

Changes in binutils, maybe glibc and maybe gcc are needed for this. Please don't apply patches here without having them committed upstream.

History

#2 - 2016-05-12 12:00 AM - Anonymous

- Project changed from 3 to Ports