

Silo - Bug # 518: fortran wrapper problem in ver 4.8

Status:	Resolved	Priority:	Normal
Author:	David Strozzi	Category:	
Created:	12/15/2010	Assigned to:	Mark Miller
Updated:	09/21/2011	Due date:	
Likelihood:	3 - Occasional		
Severity:	2 - Minor Irritation		
Silo Found in Version:	4.7.2		
OS:	All		
Support Group:	Any		
Subject:	fortran wrapper problem in ver 4.8		
Description:	<p>The Fortran wrapper file include/silo.inc has a slight problem when the compiler parses source code in F90 "free" format (as opposed to F77 fixed format). Unlike in prior versions, a few lines around line 200 are longer than the magic f77 cutoff (column 72 or whatever). So they get wrapper, but in the fixed-format way (putting a C in column like 5).</p> <p>If you're including silo.inc into an F90 project, this makes the compiler upset.</p> <p>Can you please add a F90 / free format compatible version of the file? For now, none of the lines are so long that they need to be wrapper at all for F90 format (I think there still is a column limit but it's like 132).</p> <p>I made my own version of silo.inc that works w/ f90, which I'm happy to share. It just took 20 seconds of editing. If something like this could be included in the standard release it would save a few headaches.</p> <p>Thanks.</p>		

History

01/06/2011 10:50 pm - Mark Miller

Sorry you ran into this. There is a fix to mkinc for this already. Won't be available until next release of Silo early to mid summer.

09/21/2011 12:34 pm - Mark Miller

- Status changed from New to Resolved

- Assigned to set to Mark Miller

- Target version set to 4.9

Resolved in r293 in prep. for 4.8.1 release