

Silo - Bug # 811: Addition of global node numbers, fortran interface

Status:	Resolved	Priority:	Normal
Author:	Neil Hodge	Category:	
Created:	08/12/2011	Assigned to:	Mark Miller
Updated:	11/20/2011	Due date:	
Likelihood:	2 - Rare		
Severity:	3 - Major Irritation		
Silo Found in Version:	4.8		
OS:	All		
Support Group:	Any		
Subject:	Addition of global node numbers, fortran interface		
Description:	<p>The following is the relevant part of an email exchange between Mark M. and myself:</p> <p>#####</p> <p>Hodge, Neil E. wrote:</p> <p>I am trying to add global node numbers to the data. It appears that I should be adding an item to the options used by dbputum with the option identifier DBOPT_NODENUM, but I am not sure which command I should be using do to this, as dbaddiopt only seems to take a <code>_single_ integer</code>, not a vector of integers.</p> <p>#####</p> <p>Miller, Mark wrote:</p> <p>I agree. I don't see an easy way to do that with whats implemented in Silo's Fortran interface right now. Thats a bug. Would you mind filing a ticket for it?</p> <p>Here's the only work-around I can suggest for now; implement in C language a fortran wrapper code for dbaddiopt method similar to dbaddcaopt method but which stores a void* for the array that gets passed in into the 'values' member of the optlist method. If you look in silo_f.c for dbaddcopt, its easy to figure out how to write that code.</p> <p>#####</p> <p>Thus, this ticket.</p>		

History

11/20/2011 08:36 pm - Mark Miller

- Status changed from New to Resolved
- Assigned to set to Mark Miller
- Target version set to 4.9
- Likelihood changed from 5 - Always to 2 - Rare
- Severity changed from 5 - Very Serious to 3 - Major Irritation

I ported Niel's change back to Silo trunk a couple of months ago but neglected to update this ticket until today.