

## Silo - Feature # 318: DBOPT\_APPEND\_START, CONTINUE, FINISH options for silo objects (HDF5)

|                       |   |                     |        |
|-----------------------|---|---------------------|--------|
| <b>Status:</b>        | Pending   | <b>Priority:</b>    | Normal |
| <b>Author:</b>        | Mark Miller   | <b>Category:</b>    |        |
| <b>Created:</b>       | 08/04/2010  | <b>Assigned to:</b> |        |
| <b>Updated:</b>       | 08/04/2010  | <b>Due date:</b>    |        |
| <b>Impact:</b>        | 3 - Medium  |                     |        |
| <b>Expected Use:</b>  | 2 - Rare  |                     |        |
| <b>OS:</b>            | All   |                     |        |
| <b>Support Group:</b> | DOE/ASC   |                     |        |
| <b>Subject:</b>       | DBOPT_APPEND_START, CONTINUE, FINISH options for silo objects (HDF5)  |                     |        |
| <b>Description:</b>   | <p>cq-id: VisIt00007439<br/>cq-submitter: Mark Miller<br/>cq-submit-date: 08/09/06</p> <p>User would like to be able to build up his ucd mesh and variables on disk by appending more nodes and zones in multiple calls. I wouldn't like to try this on the PDB driver (though I think PDB could support it). However, I think we could make it work on the HDF5 driver. If we had DBOPT_APPEND options to specify the beginning, intervening and final calls to write the object(s), we could create extendible datasets in HDF5 and it would work pretty smoothly, I think.</p> |                     |        |

### History

---