VFfieldesize/vffesiz

int32 VFfieldesize(int32 *vdata\_id,* int32 *field\_index*)

|  |  |  |
| --- | --- | --- |
| vdata\_id | IN: | Vdata identifier returned by VSattach |
| field\_index | IN: | Vdata field index |
| Purpose | Returns the size, as stored on disk, of a vdata field. | | |
| Return value | Returns the vdata field size if successful and FAIL (or -1) otherwise. | | |
| Description | VFfieldesize returns the size, as stored on disk, of a vdata field identified by the parameter *field\_index* in the vdata identified by the parameter *vdata\_id*. | | |
|  | The value of the parameter *field\_index* ranges from 0 to the total number of fields in the vdata - 1. The number of vdata fields is returned by VFnfields function. | | |
| FORTRAN | integer function vffesiz(vdata\_id, field\_index) | | |
|  | integer vdata\_id, field\_index | | |

VFfieldisize/vffisiz

int32 VFfieldisize(int32 *vdata\_id*, int32 *field\_index*)

|  |  |  |
| --- | --- | --- |
| vdata\_id | IN: | Vdata identifier returned by VSattach |
| field\_index | IN: | Vdata field index |
| Purpose | Returns the size, as stored in memory, of a vdata field. | | |
| Return value | Returns the vdata field size if successful and FAIL (or -1) otherwise. | | |
| Description | VFfieldisize returns the size, as stored in memory, of a vdata field identified by the parameter *field\_index* in the vdata identified by the parameter *vdata\_id*. | | |
|  | The value of the parameter *field\_index* ranges from 0 to the total number of fields in the vdata - 1. The number of vdata fields is returned by VFnfields function. | | |
| FORTRAN | integer function vffisiz(vdata\_id, field\_index) | | |
|  | integer vdata\_id, field\_index | | |

VFfieldname/vffname

char \*VFfieldname(int32 *vdata\_id*, int32 *field\_index*)

|  |  |  |
| --- | --- | --- |
| vdata\_id | IN: | Vdata identifier returned by VSattach |
| field\_index | IN: | Vdata field index |
| Purpose | Returns the name of a vdata field. | | |
| Return value | Returns a pointer to the vdata field name if successful and NULL otherwise. The FORTRAN-77 version of this routine, vffname, returns SUCCEED (or 0) or FAIL (or -1). | | |
| Description | VFfieldname returns the name of the vdata field identified by the parameter *field\_index* in the vdata identified by the parameter *vdata\_id*. | | |
|  | The value of the parameter *field\_index* ranges from 0 to the total number of fields in the vdata - 1. The number of vdata fields is returned by VFnfields function. | | |
|  | The FORTRAN-77 version of this routine, vffname, returns the field name in the parameter *fname*. | | |
| FORTRAN | integer function vffname(vdata\_id, field\_index, fname) | | |
|  | integer vdata\_id, field\_index | | |
|  | character\*(\*) fname | | |

VFfieldorder/vffordr

int32 VFfieldorder(int32 *vdata\_id*, int32 *field\_index*)

|  |  |  |
| --- | --- | --- |
| vdata\_id | IN: | Vdata identifier returned by VSattach |
| field\_index | IN: | Vdata field index |
| Purpose | Returns the order of a vdata field. | | |
| Return value | Returns the order of the field if successful and FAIL (or -1) otherwise. | | |
| Description | VFfieldorder returns the order of the vdata field identified by its index, *field\_index,* in the vdata identified by the parameter *vdata\_id*. | | |
|  | The value of the parameter *field\_index* ranges from 0 to the total number of fields in the vdata - 1. The number of vdata fields is returned by VFnfields function. | | |
| FORTRAN | integer function vffordr(vdata\_id, field\_index) | | |
|  | integer vdata\_id, field\_index | | |

VFfieldtype/vfftype

int32 VFfieldtype(int32 *vdata\_id*, int32 *field\_index*)

|  |  |  |
| --- | --- | --- |
| vdata\_id | IN: | Vdata identifier returned by VSattach |
| field\_index | IN: | Vdata field index |
| Purpose | Returns the data type of a vdata field. | | |
| Return value | Returns the data type if successful and FAIL (or -1) otherwise. | | |
| Description | VFfieldtype returns the data type of the vdata field identified by its index, *field\_index,* in the vdata identified by the parameter *vdata\_id*. | | |
|  | The value of the parameter *field\_index* ranges from 0 to the total number of fields in the vdata - 1. The number of vdata fields is returned by VFnfields function. | | |
| FORTRAN | integer function vfftype(vdata\_id, field\_index) | | |
|  | integer vdata\_id, field\_index | | |

VFnfields/vfnflds

int32 VFnfields(int32 *vdata\_id*)

|  |  |  |
| --- | --- | --- |
| vdata\_id | IN: | Vdata identifier returned by VSattach |
| Purpose | Returns the total number of fields in a vdata. | | |
| Return value | Returns the total number of fields if successful and FAIL (or -1) otherwise. | | |
| Description | VFnfields returns the total number of fields in the vdata identified by the parameter *vdata\_id*. | | |
| FORTRAN | integer function vfnflds(vdata\_id) | | |
|  | integer vdata\_id | | |