VFfieldesize/vffesiz

int32 VFfieldesize(int32 *vdata_id,* int32 *field_index*)

vdata_id	IN:	Vdata access identifier returned from **VSattach**
field_index	IN:	Number determined by assigning each field in the record a zero-based number

Purpose Retrieves the size, as stored on disk, of the specified field in the specified vdata.

Return value Returns the size of a value for the specified field if successful and `FAIL` (or `-1`) otherwise.

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 access identifier returned from **VSattach**
field_index	IN:	Number determined by assigning each field in the record a zero-based index starting with `0`

Purpose Retrieves the size, as stored in memory, of the specified field in a given vdata.

Return value Returns the size of a value for the specified field if successful and `FAIL` (or `-1`) otherwise.

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 access identifier returned from **VSattach**
field_index	IN:	Number determined by assigning each field in the record a zero-based index

Purpose Retrieves the fieldname for the specified field in a given vdata.

Return value Returns a pointer to the fieldname if successful and `NULL` otherwise. The Fortran-77 version of this routine, `vffname`, returns `SUCCEED` (or `0`) or `FAIL` (or `-1`).

Description The Fortran-77 version of this routine, `vffname`, returns the field name in the `fname` parameter.

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 access identifier returned from **VSattach**
field_index	IN:	Number determined by assigning each field in the record a zero-based index

Purpose Retrieves the order of the specified field in a given vdata.

Return value Returns the order of the field if successful and `FAIL` (or `-1`) otherwise.

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 access identifier returned from **VSattach**
field_index	IN:	Number determined by assigning each field in the record a zero-based index

Purpose Retrieves the data type for the specified field in a given vdata.

Return value Returns the data type if successful and `FAIL` (or `-1`) otherwise.

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 the specified vdata.

Return value Returns `SUCCEED` (or `0`) if successful and `FAIL` (or `-1`) otherwise.

FORTRAN

```
integer function vfnflds(vdata_id)

integer vdata_id
```