

VFfieldsize/vffesiz

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int32 VFfieldsize(int32 *vdata_id*, int32 *field_index*)

<i>vdata_id</i>	IN: Vdata access identifier returned from VSattach
<i>field_index</i>	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.
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Return value	Returns the size of a value for the specified field if successful and <code>FAIL</code> (or <code>-1</code>) otherwise.
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FORTRAN	<code>integer function vffesiz(vdata_id, field_index)</code> <code>integer vdata_id, field_index</code>
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VFfieldsize/vffsiz

int32 VFfieldsize(int32 *vdata_id*, int32 *field_index*)

<i>vdata_id</i>	IN:	Vdata access identifier returned from VSattach
<i>field_index</i>	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

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integer function vffsiz(vdata_id, field_index)  
  
integer vdata_id, field_index
```

VFfieldname/vffname

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 `SUCCESS` (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*)

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| <i>vdata_id</i> | IN: | Vdata access identifier returned from VSattach |
| <i>field_index</i> | IN: | Number determined by assigning each field in the record a zero-based index |

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|---------------------|---|
| Purpose | Retrieves the order of the specified field in a given vdata. |
| Return value | Returns the order of the field if successful and <code>FAIL</code> (or <code>-1</code>) otherwise. |

FORTRAN	<code>integer function vffordr(vdata_id, field_index)</code> <code>integer vdata_id, field_index</code>
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VFfieldtype/vfftype

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int32 VFfieldtype(int32 *vdata_id*, int32 *field_index*)

<i>vdata_id</i>	IN:	Vdata access identifier returned from VSattach
<i>field_index</i>	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*