VSQuerycount/vsqfnelt

VSQuerycount/vsqfnelt

intn VSQuerycount(int32 *vdata_id*, int32 **n_records*)

vdata_id	IN:	Vdata access identifier returned from **VSattach**
n_records	OUT:	Number of records in the vdata

Purpose   Returns the number of records in the vdata in *n_records*.

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

FORTRAN
```
integer function vsqfnelt(vdata_id, n_records)

integer vdata_id, n_records
```

VSQueryfields/vsqfflds

intn VSQueryfields(int32 *vdata_id*, char **fields*)

vdata_id	IN:	Vdata access identifier returned from **VSattach**
fields	OUT:	Comma-separated string listing the fields in the vdata

Purpose   Returns the names of the fields in the vdata in fields.

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

FORTRAN
```
integer function vsqfflds(vdata_id, fields)

integer vdata_id
character*(*) fields
```

VSQueryinterlace/vsqfintr

VSQueryinterlace/vsqfintr

intn VSQueryinterlace(int32 *vdata_id*, int32 **interlace*)

vdata_id	IN:	Vdata access identifier returned from **VSattach**
interlace	OUT:	Interlace mode

Purpose   Returns the type of interlace in the vdata in interlace.

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

Valid values for *interlace* are: FULL_INTERLACE and NO_INTERLACE.

FORTRAN
```
integer function vsqfintr(vdata_id, interlace)

integer vdata_id, interlace
```

VSQueryname/vsqfname

intn VSQueryname(int32 *vdata_id*, char **vdata_name*)

vdata_id	IN:	Vdata access identifier returned from **VSattach**
vdata_name	OUT:	Name, if any, of the vdata

Purpose   Returns the name of the specified vdata.

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

FORTRAN   integer function vsqfname(vdata_id, vdata_name)

```
integer vdata_id
character*(*) vdata_name
```

VSQueryref/vsqref

VSQueryref/vsqref

int32 VSQueryref(int32 *vdata_id*)

vdata_id	IN:	Vdata access identifier returned from **VSattach**

Purpose   Retrieves the reference number of the specified vdata.

Return value   Returns the reference number of the vdata if successful and FAIL (or -1) otherwise.

FORTRAN   `integer function vsqref(vdata_id)`

`integer vdata_id`

VSQuerytag/vsqtag

int32 VSQuerytag(int32 *vdata_id*)

vdata_id	IN:	Vdata access identifier returned from **VSattach**

Purpose   Retrieves the tag of the specified vdata.

Return value   Returns the tag of the vdata if successful and FAIL (or -1) otherwise.

FORTRAN   `integer function vsqtag(vdata_id)`

`integer vdata_id`

VSQueryvsize/vsqfsiz

VSQueryvsize/vsqfsiz

intn VSQueryvsize(int32 *vdata_id*, int32 *vdata_size*)

vdata_id	IN:	Vdata access identifier returned from **VSattach**
vdata_size	OUT:	Native size, in bytes, of a record in the vdata

Purpose Retrieves the size (native to the local machine), in bytes, of a record in the vdata in *vdata_size*.

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

FORTRAN
```
integer function vsqfvsiz(vdata_id, vdata_size)

integer vdata_id, vdata_size
```