

NAME

XtQueryGeometry – query the preferred geometry of a child widget

SYNTAX

```
#include <X11/Intrinsic.h>
```

```
XtGeometryResult XtQueryGeometry(Widget w, XtWidgetGeometry *intended, XtWidgetGeometry *preferred_return);
```

ARGUMENTS

intended Specifies any changes the parent plans to make to the child's geometry or NULL.

preferred_return Returns the child widget's preferred geometry.

w Specifies the widget.

DESCRIPTION

To discover a child's preferred geometry, the child's parent sets any changes that it intends to make to the child's geometry in the corresponding fields of the intended structure, sets the corresponding bits in intended.request_mode, and calls **XtQueryGeometry**.

XtQueryGeometry clears all bits in the preferred_return->request_mode and checks the query_geometry field of the specified widget's class record. If query_geometry is not NULL, **XtQueryGeometry** calls the query_geometry procedure and passes as arguments the specified widget, intended, and preferred_return structures. If the intended argument is NULL, **XtQueryGeometry** replaces it with a pointer to an **XtWidgetGeometry** structure with request_mode=0 before calling query_geometry.

SEE ALSO

XtConfigureWidget(3), XtMakeGeometryRequest(3)

X Toolkit Intrinsics – C Language Interface

Xlib – C Language X Interface