

NAME

XtQueryGeometry – query the preferred geometry of a child widget

SYNTAX

```
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