


```

*/
void
layoutCustomRel( struct Gadget *gad, struct GadgetInfo *gi, ULONG initial )
{
    if ( gi->gi_Reqester )
    {
        /* Center it within the requester */
        gad->Width = gi->gi_Domain.Width / 2;
        gad->Height = gi->gi_Domain.Height / 2;
        gad->LeftEdge = gad->Width / 2;
        gad->TopEdge = gad->Height / 2;
    }
    else
    {
        /* Center it within the window, after accounting for
        * the window borders
        */
        gad->Width = ( gi->gi_Domain.Width -
            gi->gi_Window->BorderLeft - gi->gi_Window->BorderRight ) / 2;
        gad->Height = ( gi->gi_Domain.Height -
            gi->gi_Window->BorderTop - gi->gi_Window->BorderBottom ) / 2;
        gad->LeftEdge = ( gad->Width / 2 ) + gi->gi_Window->BorderLeft;
        gad->TopEdge = ( gad->Height / 2 ) + gi->gi_Window->BorderTop;
    }
    SetAttrs( gad->GadgetRender,
        IA_Width, gad->Width,
        IA_Height, gad->Height,
        TAG_DONE );
}

/* handleCustomRel()
 *
 * Routine to handle input to the gadget. Behaves like a basic
 * hit-select gadget.
 */
LONG
handleCustomRel( struct Gadget *gad, struct gpInput *msg )
{
    WORD selected = 0;
    struct RastPort *rp;
    LONG retval = GMR_MEACTIVE;

    /* Could send IM_HITTEST to image instead */
    if ( ( msg->gpi_Mouse.X >= 0 ) &&
        ( msg->gpi_Mouse.X < gad->Width ) &&
        ( msg->gpi_Mouse.Y >= 0 ) &&
        ( msg->gpi_Mouse.Y < gad->Height ) )
    {
        selected = GFLG_SELECTED;
    }

    if ((msg->gpi_IEvent->ie_Class == IECLASS_RAWMOUSE) &&
        (msg->gpi_IEvent->ie_Code == SELECTUP))
    {
        /* gadgetup, time to go */
        if ( selected )
        {
            retval = GMR_NOREUSE | GMR_VERIFY;
        }
        else
        {
            retval = GMR_NOREUSE;
        }
        /* and unselect the gadget on our way out... */
        selected = 0;
    }

    if ( ( gad->Flags & GFLG_SELECTED ) != selected )
    {
        gad->Flags ^= GFLG_SELECTED;
        if ( rp = ObtainGIRPort( msg->gpi_GInfo ) )
        {
            DoMethod( (Object *)gad, GM_RENDER, msg->gpi_GInfo, rp, GREDRAW_UPDATE );
        }
    }
}

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        ReleaseGIRPort( rp );
    }
    return( retval );
}

```

