
Subject: *Hold() mouse events only work for widgets at top-left corner

Posted by [Tom1](#) on Thu, 08 Apr 2021 08:53:49 GMT

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Hi,

E.g. LeftHold() mouse event only works for widgets at top-left corner of the window. (The same issue can be seen in both Windows and GTK/Linux.) I tracked down the code and found that sDistMax() comparison of leftmousepos and mousepos are incompatible in a way that leftmousepos is window client area related and mousepos is widget related. Therefore, comparison fails and not LeftHold() is never called:

```
void Ctrl::LHold() {
    GuiLock __;
    if(sDistMax(leftmousepos, mousepos) < GUI_DragDistance() && repeatTopCtrl &&
    GetMouseLeft())
        repeatTopCtrl->DispatchMouseEvent(LEFTHOLD, repeatMousePos, 0);
}
```

EDIT: Would this be a correct fix?

```
void Ctrl::LHold() {
    GuiLock __;
    if(sDistMax(leftmousepos, mousepos + mouseCtrl->GetRect().TopLeft()) < GUI_DragDistance()
    && repeatTopCtrl && GetMouseLeft())
        repeatTopCtrl->DispatchMouseEvent(LEFTHOLD, repeatMousePos, 0);
}
```

The same issue applies to RightHold() and MiddleHold().

Best regards,

Tom

Subject: Re: *Hold() mouse events only work for widgets at top-left corner

Posted by [mirek](#) on Fri, 09 Apr 2021 07:52:27 GMT

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Thanks, fixed.

Subject: Re: *Hold() mouse events only work for widgets at top-left corner

Posted by [Tom1](#) on Fri, 09 Apr 2021 14:16:17 GMT

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Thanks, it works now.

BR,

Tom
