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Subject: ScrollBarSize() - Is it (possibly) a bug?  
Posted by [Lance](#) on Mon, 26 Sep 2022 23:35:08 GMT  
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I was looking for some member function in ScrollBar to retrieve the scrollbar size, or expose the const Style \*style which can in turn access the barsize value, but to no avail. Until I find this function

```
inline int ScrollBarSize()          { return ScrollBar::StyleDefault().barsize; }//!!
```

A search in the Upp src indicates many libraries make use of this function, including in HeaderCtrl

```
void HeaderCtrl::FrameLayout(Rect& r)
{
  LayoutFrameTop(r, this, invisible ? 0 : GetHeight());
  LayoutFrameBottom(r, &sb, sb.IsShown() ? ScrollBarSize() : 0);
}
```

```
void HeaderCtrl::FrameAddSize(Size& sz)
{
  if(!invisible)
    sz.cy += GetHeight();
  if(sb.IsVisible())
    sz.cy += ScrollBarSize();
}
```

Does this imply that a customized ScrollBar Style shall not disagree on barsize with the default ScrollBar Style? Is this restriction necessary? or shall we expose int ScrollBar::ScrollBarSize()const(elevate it to a public member function from a private one as it is now)?

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