Subject: Re: Know what you're using. Size of some common types.
Posted by Lance on Tue, 11 Jan 2022 21:25:05 GMT
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The cost is the size of the vtable of Ctrl and each of its derivatives almost doubles. With the number of classes in the hierarchy, this could be quite big to ignore. Then we get something like suggested by you :lol:

class CtrlWithFakeCtrls : public Ctrl
{
...
}

Only Ctrls derived from the class are able to make use of the facility. If any existing Ctrl is believed to be able to benefit from it, we just change its base class.

Now I get your point. It's nice.