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Subject: Zooming layouts and different behaviour windows/linux

Posted by [mdelfede](#) on Wed, 10 Aug 2011 17:18:21 GMT

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Hi,

As some of my customers complained about small fonts in windows version of my app, I started to dig a bit inside.

The worst stuff was a RichTextCtrl with a drawing inside, which got completely different scale.

Resuming, with NO changes in code, here the windows (from a full-screen running virtualizer, resolution 1440x900 as native one) :

You can also notice the picture upper right (a Picture control), this one is made by aid of Painter + Drawing; internal sizes calculations are based on fixed font size, so the windows version get shrunk (font size 15, windows one 11 IIRC).

Adding this couple of lines makes it better :

```
#ifdef PLATFORM_WIN32
    SetStdFont(StdFont(15));
    Ctrl::SetZoomSize(Size(147, 21), Size(99, 13));
    InitRichTextZoom();
#endif
```

But IMHO it's really an ugly hack... but I had to do it because I was in hurry. It's taken from Linux values and code.

Btw, you can notice that tabs are NOT zoomed vertically, so the 2 editfields at top overlap with tab contents when zoomed, so I believe it's a bug.... or not ?

Finally, the nice-looking linux version here; that one has fonts quite bigger than windows version, and I don't know why :

So, some questions :

- 1) Why are font sizes SO different from windows to linux ?
- 2) It's correct that tabs are not zoomed vertically ?
- 3) Applying this :

```
Ctrl::SetZoomSize(GetStdFont().GetSize(), Size(99, 13));
```

Sometimes the "growth" of elements don't match text one, so, for example, for some text sizes the buttons become too small to contain its label. Shouldn't they grow exactly (almost) as the text ?

Ciao

Max

## File Attachments

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1) [01-windows.png](#), downloaded 1318 times



Zoom

Pos.-Trave



Posizione Descrizione

Pos. Trave

Dati Risultati



Geometria

Base : 16 cm  
 H1 : 40 cm  
 H2 : 80 cm  
 Flessione deviata  
 Angolo : 0 Gradi

Sbalzo sinistro

Campata	L (cm)
Sb5x	100
L1	400

Sbalzo destro

Impostazioni relazione

Considerare peso proprio

Proprietà dei materiali

Classe legno : GL24c  
 Classe di servizio : 1

Instabilità

Distanza supporti laterali per  
 Flessione : cm  
 Compr.(y) : cm  
 Compr.(z) : cm

Fuoco

Resistenza al fuoco  
 0 min  
 Lati esposti :

Travi mo

Riepilogo ris

FLESSIONE  
 TAGLIO  
 L / Fiss  
 L / Lunga  
 L / Sbalzo, sin  
 L / Sbalzo, comp

Condizioni di carico Carichi



Descrizione

Pronto



C:\Documents and Se...


C:\

\\Micio-hp\massimo\T...

C:\WINDOWS\sys...

2) 02-windows.png, downloaded 1415 times

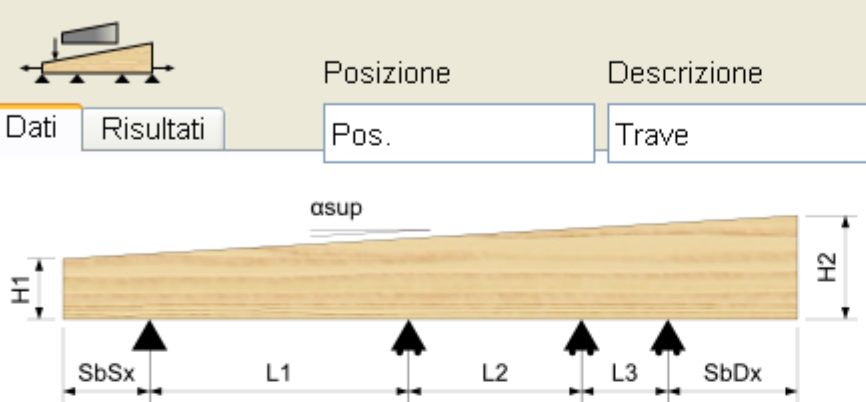
**TimberStruct**  
Lavoro Verifiche Strumenti Aiuto

Zoom  Pos.-Trave

**Travi monof...**

Posizione Descrizione  
Pos. Trave

Dati Risultati



Geometria

Base :  cm

H1 :  cm

H2 :  cm

Flessione deviata

Angolo :  Gradi

Sbalzo sinistro

Campata	L (cm)
SbSx	100
L1	400

Sbalzo destro

Impostazioni relazione

Considerare peso proprio

Condizioni di carico Carichi

Descrizione
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Proprietà de...  
Classe legno  
GL24c  
Classe di ser...  
1

Instabilità  
Distanza sup...  
Flessione :  
Compr.(y) :  
Compr.(z) :

Fuoco  
 Resistenz...  
 m

Lati esposti :

Pronto

start C:\Documents and Se... C:\ \\Micio-hp\massimo\T... C:\WINDOWS\sys...

3) 03-linux.png, downloaded 1413 times

TimberStruc

Lavoro Verifiche Strumenti Aiuto

Zoom

Pos.-Trave

Travi monofa

Posizione Descrizione

Dati Risultati Pos. Trave

**Geometria**

Base :  cm

H1 :  cm

H2 :  cm

Flessione deviata

Angolo :  Gradi

Sbalzo sinistro

Campata	L (cm)
SbSx	100
L1	400

Sbalzo destro

Impostazioni relazione

Considerare peso proprio

Condizioni di carico Carichi

Descrizione
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Pronto

Proprietà d  
Classe legno  
GL24c  
Classe di ser  
1  
Instabilità  
Distanza sup  
Flessione :  
Compr.(y) :  
Compr.(z) :  
Fuoco  
 Resistenz  
  
Lati esposti