Subject: Added DXF class to write cad DXF files
Posted by mdelfede on Sat, 11 Aug 2012 15:45:59 GMT
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Hi,

I added a starting DXF class able to write (NOT to read...) AutoCad (and others) DXF drawing files.
Still incomplete but quite usable and easily extensible (I'm using it in my TimberStruct application); by now it supports following objects :

Line
Circle
LwPolyline
Block references

It supports also creation of Block entities.
I added also a sort of coordinate system handling that allow to change references in a way similar to Painter and others.

The file format follows recent Autocad, so it allows also recent objects inside (like LwPolyline).

There is also a DXF color chooser widget + dialog for color selection.

Ah, just 2d, 3d objects are in encrypted form inside DXF files, so almost impossible to create or manage, and imho it's not worth the effort to have simple 3d support for objects like line an others.

No docs nor demo, but well commented code... When I've a bit more time I'll add a demo application.

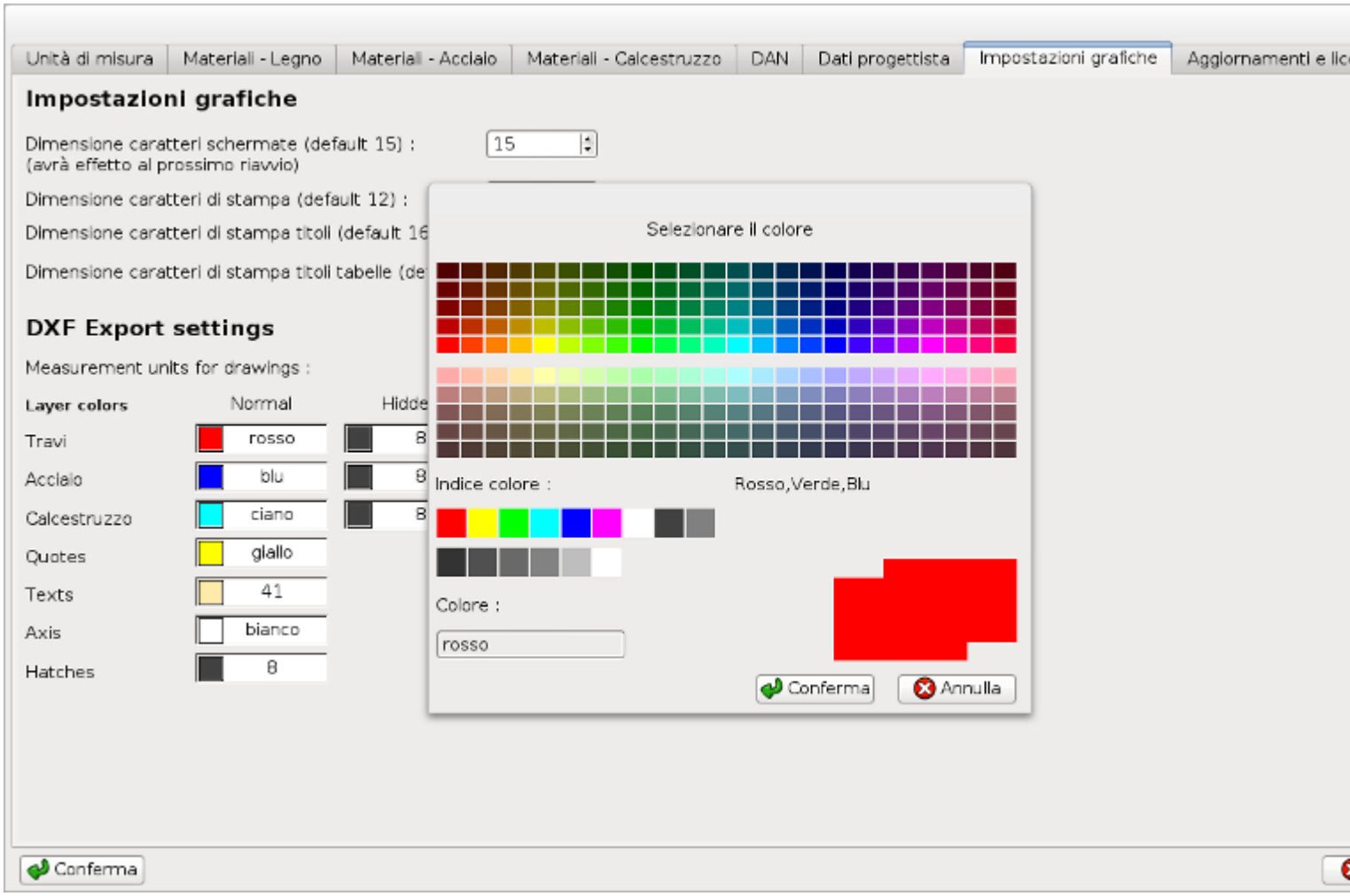
Ciao

Max

Subject: Re: Added DXF class to write cad DXF files
Posted by mdelfede on Mon, 13 Aug 2012 11:17:45 GMT
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Some pictures... first the color widget :

File Attachments
1) dxf1.png, downloaded 1192 times

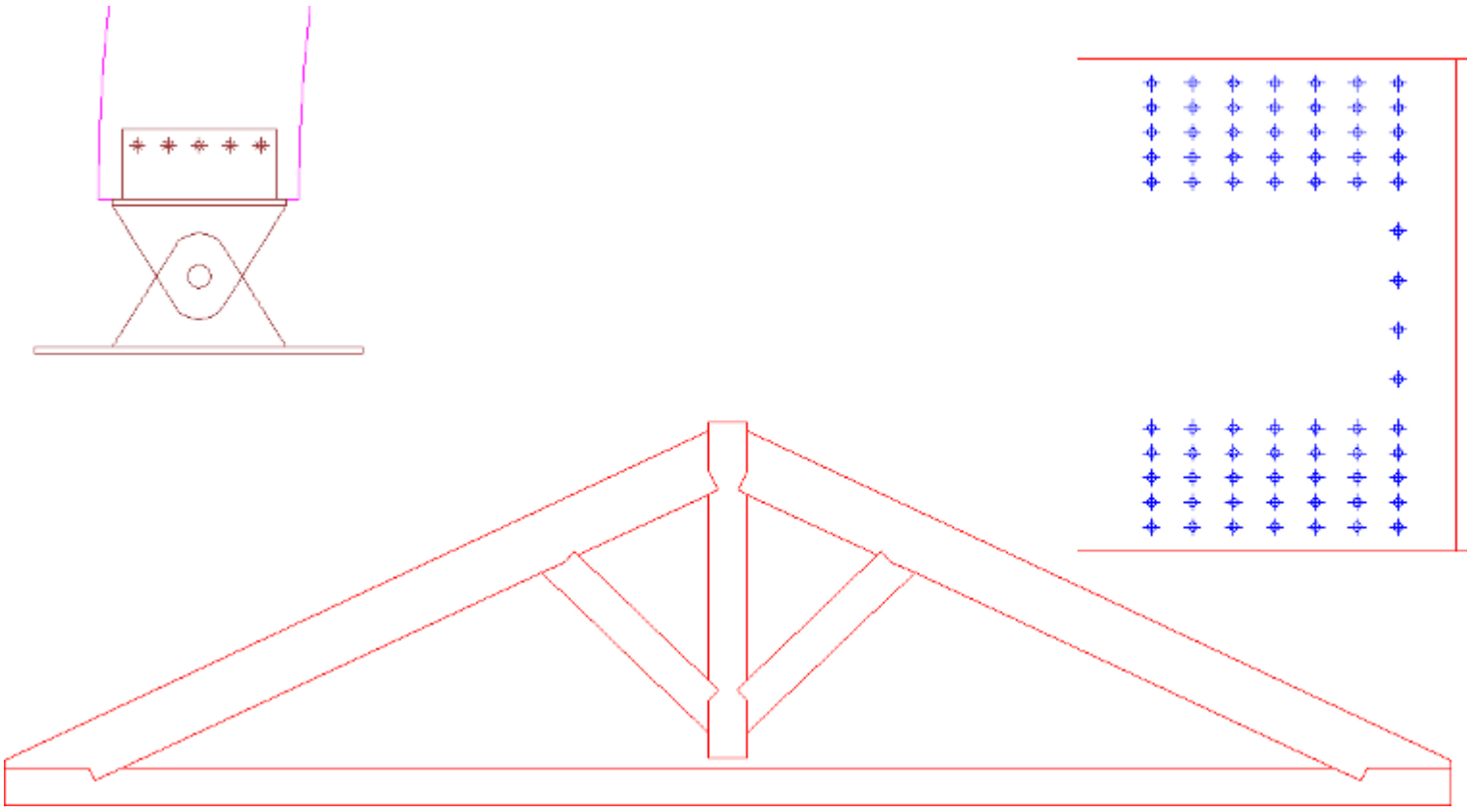


Subject: Re: Added DXF class to write cad DXF files
Posted by mdelfede on Mon, 13 Aug 2012 11:29:10 GMT
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And some generated files, opened with a cad application :

File Attachments

1) dxfx.png, downloaded 1183 times



Subject: Re: Added DXF class to write cad DXF files
Posted by koldo on Sat, 18 Aug 2012 13:05:59 GMT
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Thank you Massimo

More features for engineering applications .