Subject: Open Source Project
Posted by nixnixnix on Sat, 15 Dec 2007 23:25:40 GMT
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Hi there,

A few years ago I wrote what is the industry standard software for designing wind-farms (please try not to laugh too hard those of you who are familiar with the level of my coding skills). Recently, I have been making something similar but better for a well-respected US consultancy and they have agreed that the best way forward is for this software to be launched as an open source software to encourage collaboration and participation from academics and other interested parties.

I am still in the development stage and am not ready to launch this on the open source community as yet (target date is summer 2008) but here is a screen shot which may give some idea of the theme of the GUI.

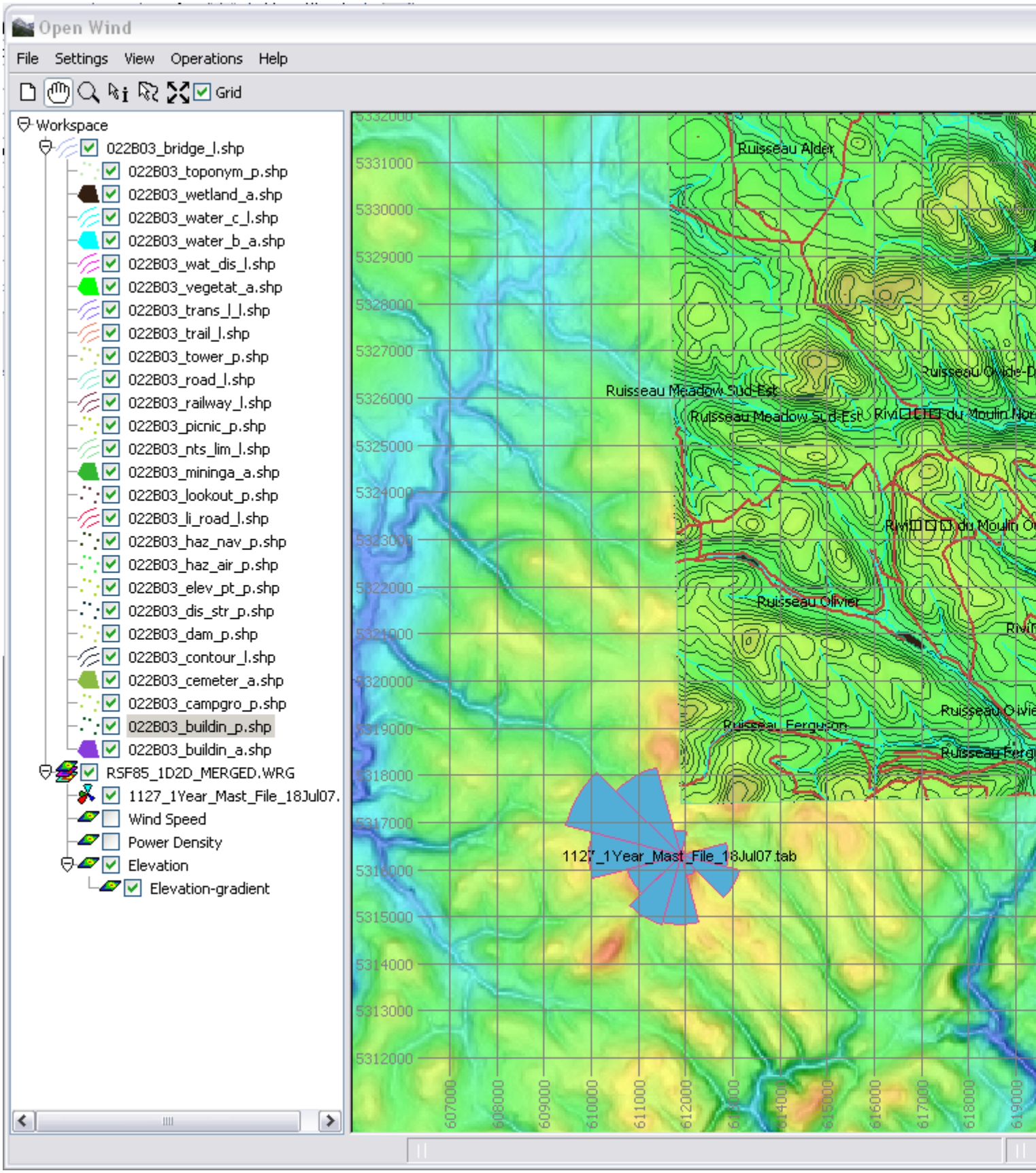
At the moment I am starting to ask outside other friendly consultancies to start testing the software. I do think though that this will mean a significant influx of UPP users and a lot of indirect publicity for UPP. I hope you have sufficient server capacity

Please feel free to post impressions, questions or suggestions.

Nick

File Attachments

1) OpenWind_Screen1.PNG, downloaded 1481 times


Open Wind
File
Settings
View
Operations
Help
Grid
Workspace
022B03_bridge_l.shp
022B03_toponym_p.shp
022B03_wetland_a.shp
022B03_water_c_l.shp
022B03_water_b_a.shp
022B03_wat_dis_l.shp
022B03_vegetat_a.shp
022B03_trans_l_l.shp
022B03_trail_l.shp
022B03_tower_p.shp
022B03_road_l.shp
022B03_railway_l.shp
022B03_picnic_p.shp
022B03_nts_lim_l.shp
022B03_mininga_a.shp
022B03_lookout_p.shp
022B03_li_road_l.shp
022B03_haz_nav_p.shp
022B03_haz_air_p.shp
022B03_elev_pt_p.shp
022B03_dis_str_p.shp
022B03_dam_p.shp
022B03_contour_l.shp
022B03_cemeter_a.shp
022B03_campgro_p.shp
022B03_buildin_p.shp
022B03_buildin_a.shp
RSF85_1D2D_MERGED.WRG
1127_1Year_Mast_File_18Jul07.
Wind Speed
Power Density
Elevation
Elevation-gradient
Ruisseau Alder
Ruisseau Meadow Sud-Est
Ruisseau Olivier
Ruisseau Ferguson
1127_1Year_Mast_File_18Jul07.tab
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Subject: Re: Open Source Project
Posted by guido on Sun, 16 Dec 2007 16:25:39 GMT
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Hi!

Sorry to say that, but I wouldn't expect too much from open-sourcing here. Upp is still not very popular and mostly appeals to mISV types. Your application is vertical market, not of common interest, and probably requires highly specific domain knowledge from potential contributors. You'll probably want to directly contact researchers and students of the field. Contributers won't just come from bringing it online.

Guido

Subject: Re: Open Source Project
Posted by nixnixnix on Sun, 16 Dec 2007 18:35:28 GMT
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Thanks for the feedback and you have it exactly right. We expect people to hear about it through the industry as we will be making a lot of effort to publicize it over the coming year at various wind energy industry events. Also, there are lots of academic and government sponsored researchers who we feel would welcome the opportunity to contribute to best practices in the way that wind energy is assessed. This is in addition to other consultancies who we already know would welcome the chance to be able to add their own code.

I don't expect or want it to appeal to everyone and I wasn't recruiting here. I was merely saying that this app is built entirely with UPP and will hopefully change the industry it is intended for. I realise that UPP does not have a large base but that Mirek and others do want to promote UPP and thats why I decided to add this context. A UPP project like this is very easy to contribute to as the IDE is free and very user-friendly. Also, if I do my job right, contributors can code fairly generic C++ code to slot their expertise into our framework. People who want to contribute will probably want to get into UPP.

I hadn't noticed anyone making open source apps with UPP so I thought I would trumpet mine

Nick

Subject: Re: Open Source Project
Posted by mr_ped on Mon, 17 Dec 2007 10:21:27 GMT
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Looks very interesting! Nice work so far, keep it up.
Don't forget to post the site here once it goes OSS. Especially if there will be still some "TODO" work even for people without wind energy knowledge, so even some ordinary programmers may

contribute couple of lines. I think I will never find some spare time to do it, but the screenshot looks fancy enough to make me feel already pity for not contributing too.

Subject: Re: Open Source Project
Posted by nixnixnix on Wed, 19 Dec 2007 15:19:13 GMT
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Thanks. Am sure there will be ample scope for input from non-wind people, if only to help cleanup/rewrite my terrible code

Will post back here with more news when I have it.

Subject: Re: Open Source Project
Posted by tojocky on Wed, 21 May 2008 17:01:59 GMT
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I study the U++ for move my projects too! I write in automate evidence of enterprises (accounting, production, salary)!

Subject: Re: Open Source Project
Posted by nixnixnix on Tue, 20 Oct 2009 21:31:51 GMT
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Hi,

I just realised I never updated this thread. OpenWind has been released for some time now and is available here

http://awsopenwind.org

It is rapidly gaining industry acceptance and I am getting requests for a commercial (paid) version. I really could not have undertaken this project on any other platform than U++.

I have a link to UPP on my website but I'm about to add one to the AboutBox too

Cheers everyone,

Nick

Subject: Re: Open Source Project
Posted by koldo on Wed, 21 Oct 2009 06:27:49 GMT
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Hello nixnixnix

I promise to give you feedback about the software and the web page.

Best regards
Koldo
