www.haiticrisismap.org

One perspective on changes in crisis response... happening today

Aaron Racicot (Z-Pulley Inc)



If your technology can help a consumer find a great \$4 latte, that's good for your business.

If it can also help a child find clean water near their village, that's good for the world.

Andrew Turner

Initial Crisis Notification/Organization (My Experience)

IRC

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		ntro://hathGrisisman.oro/	x
ChatZilla IRC Edit	<u>V</u> iew <u>H</u> elp		
•_wolf_	URL irc://free	node/telascience Mode +nst Users 22, 0@, 0%, 0+	٦.
●ajturner ●AlanB Topic Th		/eek: http://haiticrisismap.org/	
bitner	>	MartinSpott (~martin@pdpc/supporter/active/martinspott) has joined #telascience	1
 chippy crschmidt dbb 		i'm going to reboot osgeo2 and osgeo1 to address a peer1 email about RHEL 4 security updates.	
FrankW	<frankw></frankw>	osgeo2 seems to have come back up ok.	
hobu	<frankw></frankw>	I'm logged into osgeo1, but I don't seem to be able to do "yum update" as root.	
•jef	<frankw></frankw>	There is no /usr/bin/yum like on osgeo2.	
●jlivni ●JonS	<frankw></frankw>	Anyone have an idea why?	
MartinSpott	MartinSpott	notes that OSgeo Wiki seems to be reboot-safe 🈉	
papillon81	<martinspott></martinspott>	No, I'm pretty unfamiliar with RedHat-specialities	
petschge iracicot	K	Testbaudson has left freenode (Remote host closed the connection)	
Schuyler	- <wildintellect></wildintellect>	is it in sbin?	
Springmeyer	<frankw></frankw>	nope	
wildintellect winkey	1	I looked lots of places including /usr/sbin and /sbin.	
Swonderchook	1	I even tried to find it with "locate"	
	K	astroidex has left freenode (Remote host closed the connection)	
	<pre>wildintellect></pre>	FrankW, http://sial.org/howto/yum/	
	<wildintellect></wildintellect>	yum is not installed by default	
	<wildintellect></wildintellect>	apparently the default redhat tool is up2date	
	K	seven has left freenode (Remote host closed the connection)	
	<frankw></frankw>	hmm, I'm a bit amazed that peer1 is telling us to use yum, but it isn't isntalled.	
		I can't help but wonder if something changed.	
		rhel 5 might have yum by default	
		but yes it does seem odd that it's missing	
		FrankW, perhaps you are looking for the up2date	
		perhaps but thepeer1 security email specifically mentioned vum.	
		I don't know from what rhel version red hat has included yum. but up2date is the old system	
		I think.	
	<	nhv has left freenode (Remote host closed the connection)	
reenode #qgis #z-pu	ulley #osgeo #telascie	ence #gdal #openlayers #postgis #pyqt #mapnik #geodjango #erma #gpsd #ecotrust	
racicot •			
[2010-04-19 10:53:15]	FrankW!~FrankW@ip-1	74-142-75-109.static.privatedns.com	2





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DIGITALGLOBE



IBRD & IDA: Working for a World Free of Poverty

The World Bank

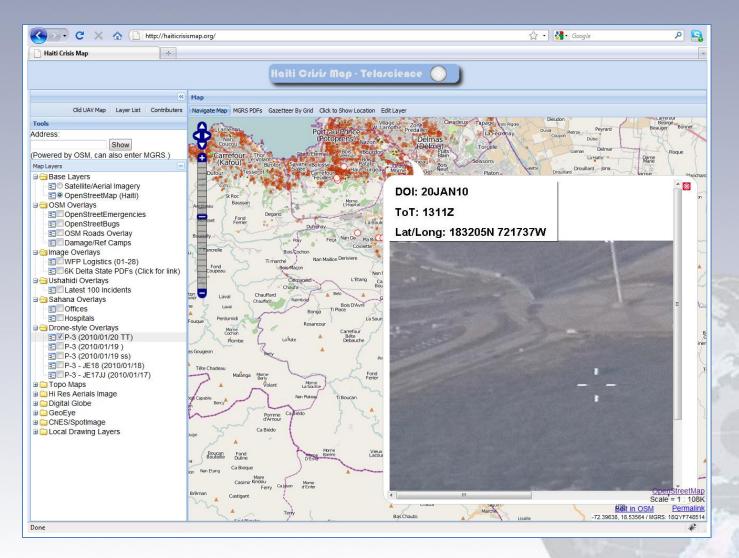




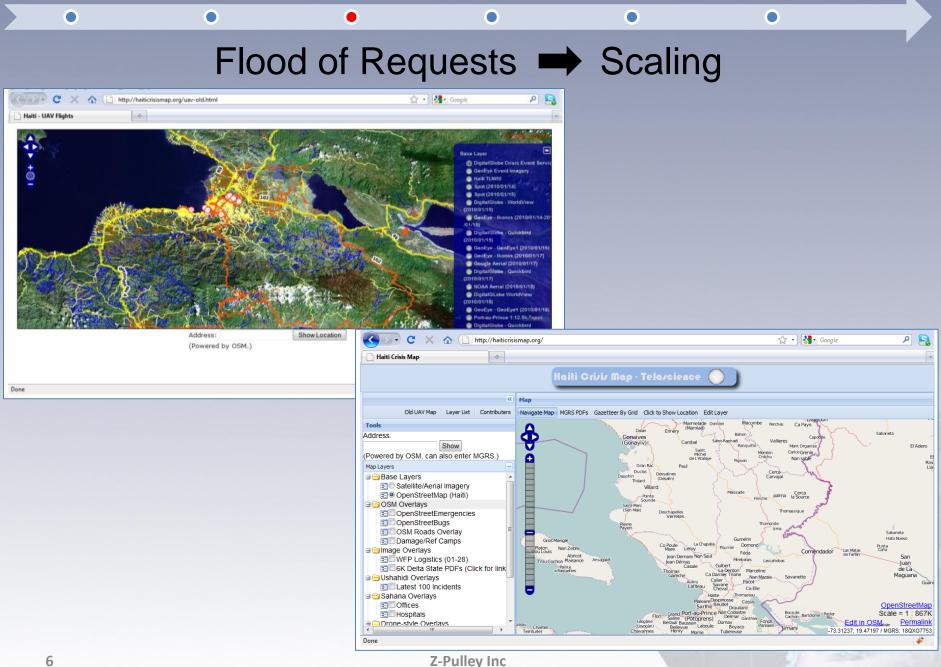
First 2 weeks > 4+ TB of processed Imagery

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Initial Data Processing

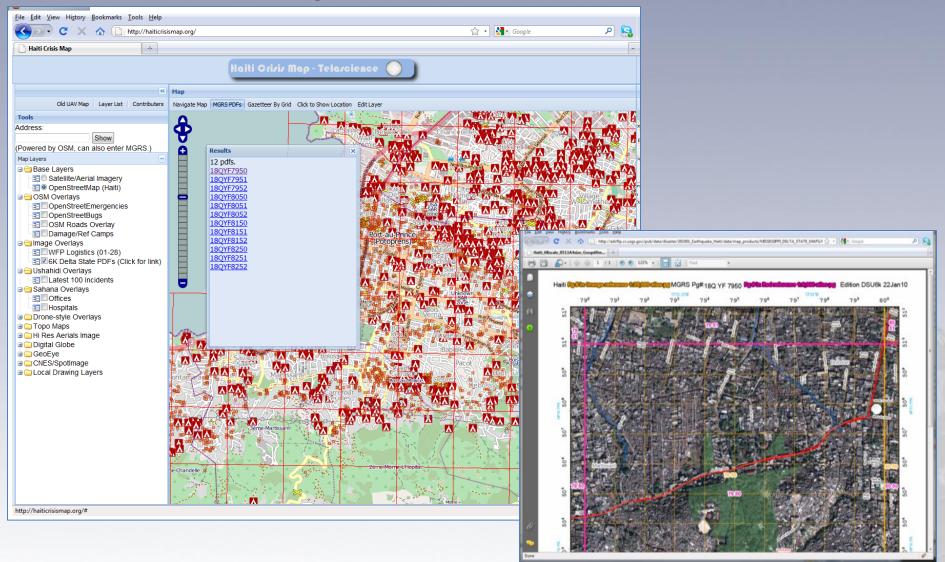


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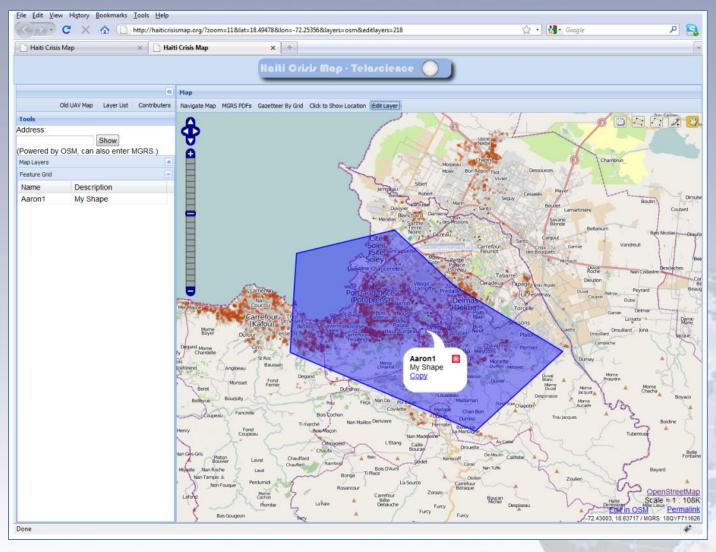




Integration of Custom Tools



Integration of Custom Tools



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Stand Alone Packaging

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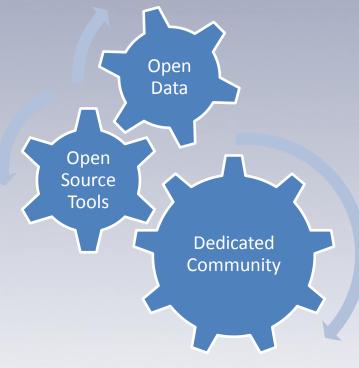


Andrew Turner

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Lessons Learned For Next Response



- Speed is critical
 - Typical turnaround for new data < 36 hrs

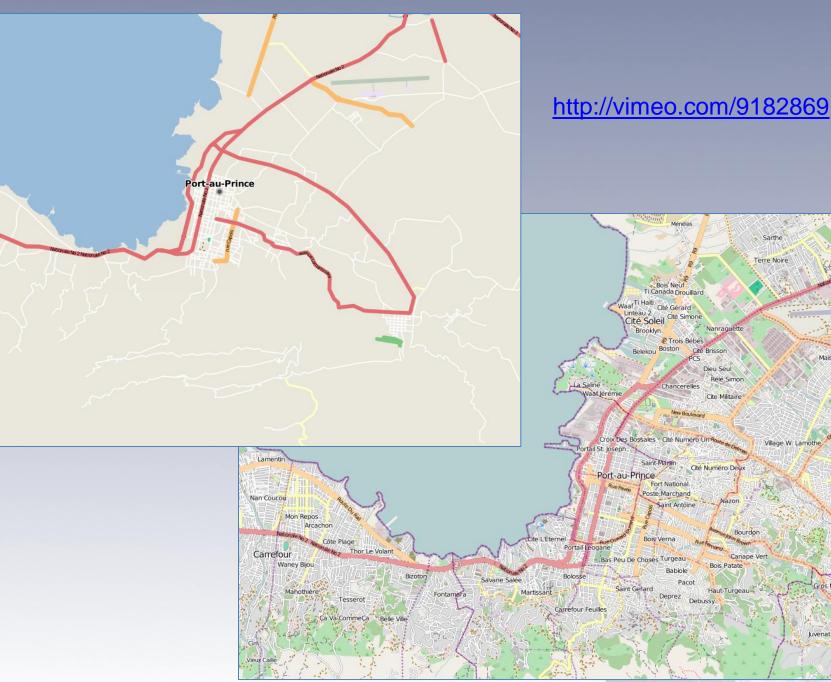
• Providing technology to communities on the ground helping is key

- Integration with OSM
- Delta State PDF viewer
- Flexibility of tools makes all the difference
 - Open Source Tools are like ingredients to any recipe you want to make
 - Production/consumption of standardized services (like WMS/GeoRSS/etc.)

Signs of progress...



Schuyler Erle



Cazeau

Mais Gate

Bois Caradeux

Morne

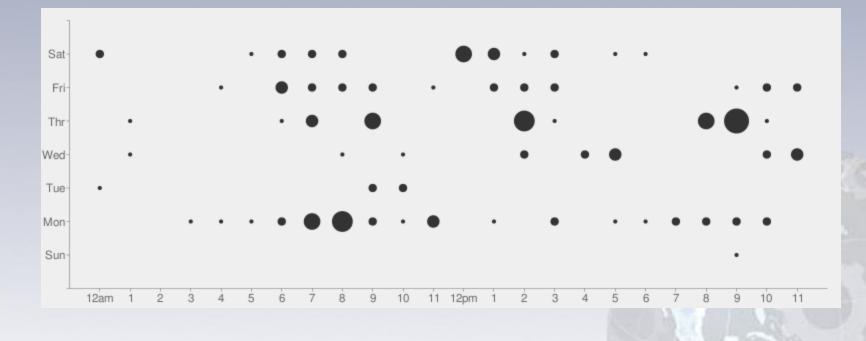
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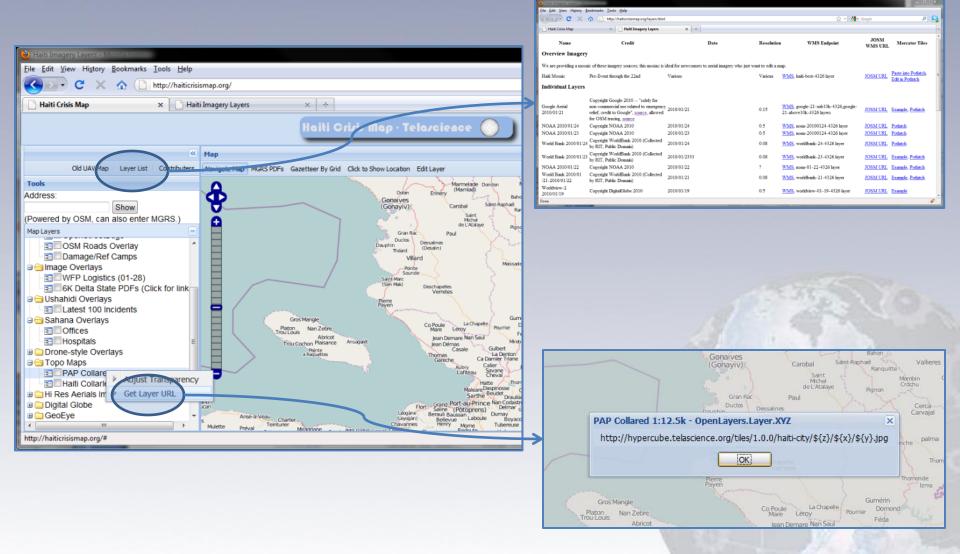
Code and Data

CODE

http://github.com/crschmidt/haitibrowser



Data



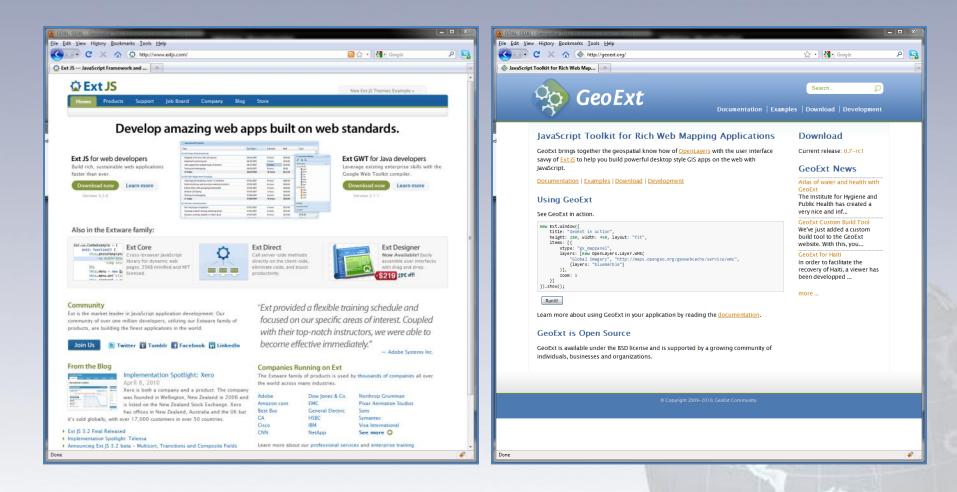
In summary, the community is making a difference. The tools we develop in WhereCamp, IRC, open-source communities, and from companies are changing the capabilities of crisis response and development.

Andrew Turner

UI







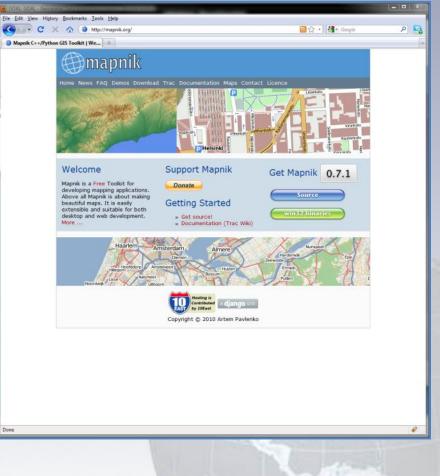
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Rendering



<u>Mapnik</u>





Processing



