Open Australia Hackfest

mashup AUSTRALIA Edition

Information Booklet

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Wireless

ESSID: GoogleGuest

Encryption: None

Wireless is a shared resource, don't use excessive bandwidth!

Communication

IRC Channel: irc.freenode.org - #openaustralia

Hashtag (Twitter, Flickr, Wave): #oahack

Notes   Use the rest of this page for your own notes.

About OpenAustralia

For all its faults and foibles, our democracy is a profound gift from previous generations. Yet most people don't know the name of their representative, let alone what they do or say in their name.

OpenAustralia aims to help bridge this growing democratic disconnect, in the belief that there is little wrong with Parliament that a healthy mixture of transparency and public engagement won't fix. Hence the website (http://www.openaustralia.org).

Who runs this site?

OpenAustralia is a website run by a group of volunteers. We owe a great debt to a UK charity, mySociety, which built theyworkforyou.com which this site is based on.

We set up the OpenAustralia Foundation, now a fully endorsed charity, to continue and expand this work. We have high hopes for the future. Become part of this future by volunteering for, or donating to OpenAustralia Foundation.

History

Back in 2004 Matthew Landauer and Katherine Szuminska were lucky enough to accidently find themselves at the launch of the UK site TheyWorkForYou.com at a nerdy techno conference, NotCon 2004. The talk inspired them hugely and they left with a desire to make this happen in Australia too. It took a few years, other people came on board to help and here you can see the fruits of their labour.

More Information

http://www.openaustralia.org/about/

About MashUp Australia

The Government 2.0 Taskforce is holding the MashupAustralia contest to showcase how something as simple as, for example, the locations of government services or census data, can deliver benefits to the research, commercial and community sectors – and to citizens at large. The Taskforce has worked with the Australian Government and with State and Territory Governments (through the Online Communications Council) to release data on open access terms and in formats that can be used for the purpose of this contest.)

More Information

http://mashupaustralia.org/about/

About Gov 2.0 Taskforce

The Government 2.0 Taskforce has been formed against a backdrop of increased interest by governments worldwide in the potential uses of public sector information and online engagement.

President Obama made online engagement a theme of his election campaign and has indicated his desire to take a similar approach to government itself. In the United Kingdom the Brown Government's Power of Information Taskforce has recommended sweeping reforms to how the civil service publishes, manages and engages with information. There are similar developments in other jurisdictions.

The Taskforce will advise Government on structural barriers that prevent, and policies to promote, greater information disclosure, digital innovation and online engagement including the division of responsibilities for, and overall coordination of, these issues within government.

More Information

http://gov2.net.au/about/

	Key	
Socializing Time		Time to stand around, eat and be merry
Bird of a Feather		Birds of a feather flock together. Space for groups to run their own sessions.
Free Hacking Session		Space to work on code with others.
Directed Hacking		Sessions with a theme and domain experts to help you out
Talks		People talking about stuff

Room	Jumbuck (~40)	Corroboree (~80)	Dreamtime	Down Under	Small Rooms (~5)		
Time	Rooms Combined (~120)		(~20)	(~10)	1	2	3
7th Nov	**Saturday 7th November**						
11:00 AM	Sector Information Keynote: Alan Noble		Free Hacking				
12:00 PM	Lunch (in Cafe upstairs)						
1:00 PM	Setting up Open Australia Matthew + Henare	Free Hacking	Making Geo Data Social	Bird of a Feather (BOF) Sessions			
2:00 PM			Addresses to Politics				
3:00 PM	Afternoon Tea						
3:15 PM	Putting things on Maps Pamela Fox	Free Hacking	Australian Bureau of Statistics	Bird of a Feather (BOF) Sessions			
4:00 PM			Open Standards Recommendations				
5:00 PM	Lightning Talks						
6:00 PM	Screening of Us Now	Free Hacking	Google CSE's				
7:00 PM							
8:00 PM							
8th Nov	**Sunday 8th November**						
11:00 AM	The network at the heart of democracy Keynote: Matthew Landauer		Free Hacking				
12:00 PM	Lunch (in Cafe upstairs)						
1:00 PM	The Census: How you can use it? Joseph Gentle	Free Hacking	Where 2.0 now?	Bird of a Feather (BOF) Sessions			
2:00 PM			APIs Yahoooo!				
3:00 PM	Afternoon Tea						
3:15 PM	Making things Mobile Rob Manson	Free Hacking	TBA	Bird of a Feather (BOF) Sessions			
4:00 PM			PowerHouse Museum				
5:00 PM	Lightning Talks						
6:00 PM	Free Hacking						
7:00 PM							
8:00 PM							

Keynotes

Innovation through open access to Public Sector Information

Public sector information is more powerful when it is set free. Come find out how!

About Alan Noble

Alan Noble is an IT entrepreneur and executive. Since Feb 2007 he has lead Google's research and development operations in Australia, one of Google's fastest growing engineering centres and the home of Google Maps and Google Wave. He is a director of the Australian Information Industry Association and a member of the Australian Government 2.0 Taskforce.

The network at the heart of democracy

Today's network, the internet, has already shown itself to be the agent of great change. In this talk I'm going to look at some of the new ways politics is coming to ordinary people and some of the incredible opportunities for the future. We have the potential to re-imagine the very core of our democratic system - but how can we do this without leaving people behind?

About Matthew Landauer

Matthew co-founded OpenAustralia.org, is its lead developer and is a director of the OpenAustralia Foundation. His paid side-work is as director and developer at Visual Appliance, a small company dedicated to developing software for the international feature film visual effects industry.

Directed Hacking

These sessions are all about giving you a helping hand to get stuff done. The first hour of each session will be guided through a set task, the second hour will be free hacking with help from experts.

Setting up OpenAustralia

Do you want to help improve the OpenAustralia website? This session will help you a copy of the website up and running on your own computer. Run by Matthew Landauer the founder of OpenAustralia and Henare Degan OpenAustralia volunteer.

http://software.openaustralia.org

Putting Things on Maps

There is a vast amount of geographical data available, visualising this information should be simple! Google's Pamela Fox, a Maps API developer advocate will take you through taking data and putting it on both Google Maps and other systems such as Open Layers. The first hour will consist of an interactive tutorial followed by another hour of free hacking with help.

The Census: How you can use it?

The ABS has more statistics than you could imagine. We'll be taking a tour through what data is available and how you can use it in your app. After that, I'll show you how to make a simple heatmap using the census data and Google maps.

Making Things Mobile

Having access to government information on your mobile phone is extremely useful. From being able to read what is going on while on the train to being able to report a broken street while standing on it. Rob Manson the developer behind the mobile version of OpenAustralia website will help you get started!

Talks and Discussions

Making Geo Data Social

Let's look at combining some Mobile + Geo + Social technologies to create location-aware mobile mash ups to share OpenGov content with friends on Twitter, friends on Facebook, and real friends on a t-shirt.

Addresses to Politics

Come learn about geo2gov. Geo2gov is a service for taking a location and relating it to the government. Location can be provided as an address, postcode, suburb, town or university, and the service will establish a legal jurisdiction, parliamentary houses, your electorates, the people that represent your, other useful information. It supports locations across 100% of Australia, including the offshore islands.

http://geo2gov.com.au/

Australian Bureau of Statistics

The Australian Bureau of Statistics has a huge amount of data available under open licenses. Come for a tour around the website and find out what is available.

http://www.abs.gov.au

Open Standards Recommendations

The Gov 2.0 Taskforce is going to have the final recommendation in it's final report:

The government require all agencies to use open standards on all data and build them into requirements for government systems development.

Good stuff, now they need to define those open standards and they want your input into it! Come along to have your input into what exactly "open standards" are.

Us Now Screening

Us Now is a documentary film project "about the power of mass collaboration, the government and the Internet". The documentary weaves together the perceptions of leading thinkers on the power of the web, with the overriding suggestion that people gain a sense of satisfaction from active participation rather than symbolic representation in decision-making processes.

http://usnowfilm.com

Google Custom Search Engine (CSE)

Working with CSE is a great introduction to Google Search within web applications and targeting search for your website or data. This session will cover off the basics on how to get started with Custom Search, how to access the API and how to make it work for the developer through Ajax and PHP.

APIs Yahoooo!

Google doesn't have a monopoly on great APIs. Pamela Fox will give a tour of the various Yahoo developer offerings that can be useful when making mashups. She'll show the Flickr API for retrieving photos, YQL for searching datasets, and GeoPlanet for extracting geographic places.

Where 2.0 Now?

The February 2009 Victorian Bushfires saw the emergence of the use of social media and web2.0 technologies by the community for crowd sourcing and sharing information about fires, threats and evacuations.

In response to this, the Government 2.0 taskforce has funded a project called Emergency 2.0 Australia to look at how Social Media can assist in Emergency Management. How do Twitter, Facebook and Mash-ups help getting flood-warnings, information on evacuation routes etc. out to the community better and quicker?

PowerHouse Museum

As of the 2nd of April, 2009 the PowerHouse released all it's online collection documentation under a mix of Creative Commons licenses. Come find out what has happened since then and what they will be doing next!

http://www.powerhousemuseum.com

Bird Of a Feather - BOFs

Birds of a feather flock together. We've reserved four rooms throughout the weekend for anyone to run their own session. It's really simple, on the day, put your session name up on the scheduling board by the lifts and the room is yours!

http://en.wikipedia.org/wiki/Birds_of_a_Feather_(computing)

Lightning Talks

You get 5 minutes to give a quick demo of your mashup, ideas, or something cool that you think people should know about. The timer starts straight away, so make sure you know how to get your computer projecting! It will be first in first up.

http://en.wikipedia.org/wiki/Lightning_Talks

Code Hunt

On the Saturday we will be running a competition. You might notice on your badge is a strange looking code, your job is to collect these codes and enter them into the following website before the time runs out.

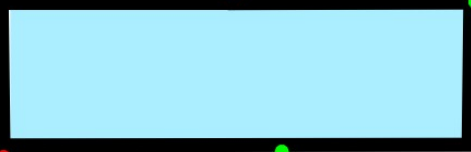http://oahack-codefind.appspot.com

The top 5 collectors will win a Google stickers pack and the top two will Google t-shirts! If you are the first to figure out how the codes have been generated, you will win a Google shirt. There are even special codes which can get you bonus points!

Here be dragons

Talks

BOF
BOF
BOF
BOF

Cafe Upstairs

Badges Schedule Board

Free Hacking

Female Loo

Male Loo

Directed Hacking

Here be monsters