

Esri Developer Summit in Europe

London



# iOS and Android

# Let's have a hug

Andy Gup / Al Pascual

**And now for something completely different**



**U S#CK**



No...  
**U S#CK**



# Android Blows



**Don't  
Be  
Evil**





Cupcake

Ice Cream Sandwich

Donut

Jelly Bean

Éclair

Twinkie?

Gingerbread

Hard Candy??



animoca





# UGLY PHONES



**ios is Evil**





App  
Store



# Multitasking?

<http://millelots-365.blogspot.com>

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UPPER CLAS

Posh

\$\$\$ / Fanboys



OMG!  
So 2007

A photograph showing a broken electronic device, possibly a solar-powered calculator or small robot, lying on a concrete surface. A hammer with a black handle and a green shaft is positioned over the device, suggesting it was used to break it open. A battery pack is visible inside the device's casing. The scene is set on a rough, grey concrete floor with some small debris scattered around.

**Spare Battery?**



IN THE REAL WORLD

# Runtime **==**

- ~~Fragmentation~~
- **Common (fast) codebase**
- **Easy to use**
- **Services**

Tiled Services  
Feature Services  
Geocoding

Routing  
Geoprocessing  
Etc.



**Enough slide  
rage!**

**Let's build something**

Code

# Hello World

Show me a map already



Less code

# Real developers use Web Maps

Easy to create!



More code

# Tap that map

Let's add a graphic



Lookup

# Locate something

Where do I go?

Brisbane ... Havana ... Al Basra ... Maseru ... Mosul  
Mangalore ... Winnipeg ... Porto Velho  
Dnepropetrovsk ... New York ... Abidjan ... Inuvik  
Omdurman ... Buffalo ... Kuala Lumpur ... Chatanga  
Sucre ... Benguela ... Kunming ... Qingdao ... Santa  
Cruz de La Sierra ... San Antonio ... Porto Novo  
Kimberley ... Santa Fe ... Liege ... San Cristobal  
Frankfurt am Main ... Almaty ... Rio de Janeiro  
Nanchang ... Jilin ... Kathmandu ... Norfolk  
Iquique ... The Hague ... Mazatlan ... Dortmund  
Gent ... Asuncion ... Dunedin ... Port Elizabeth  
Ghadamis ... Manaus ... Cairns ... Victoria ... Salt  
Lake City ... Saint John ... Yerevan ... Al Kuwayt  
Cayenne ... San Francisco ... Thessaloniki  
Oaxaca ... Mendoza ... Jinan ... Kawasaki  
Johannesburg ... Nairobi ... Jacksonville ... Ho  
Chi Minh City ... Chelyabinsk ... Lucknow  
Honolulu ... Schefferville ... Atlanta ... Bulawayo  
Cincinnati ... Sevilla ... Coquimbo ... Tehran  
Anadyr ... Delhi ... Milano ... Montreal ... Phnom  
Penh ... Samsun ... Recife ... Enugu ... Kingston  
Boa Vista ... Zibo ... Palermo ... Fortaleza  
Longyearbyen ... Edinburgh ... Sapporo ... Tirane  
Cairo ... Banghazi ... Sao Luis ... Conakry  
Pittsburgh ... Marrakech ... Auckland ... Varanasi  
Manchester ... Madurai ... Birdum ... Mombasa  
Riga ... Tamanrasset ... Porto Alegre ... Juneau  
Churchill ... Montevideo ... Birmingham  
Qandahar ... Harbin ... Kolkata ... Guatemala

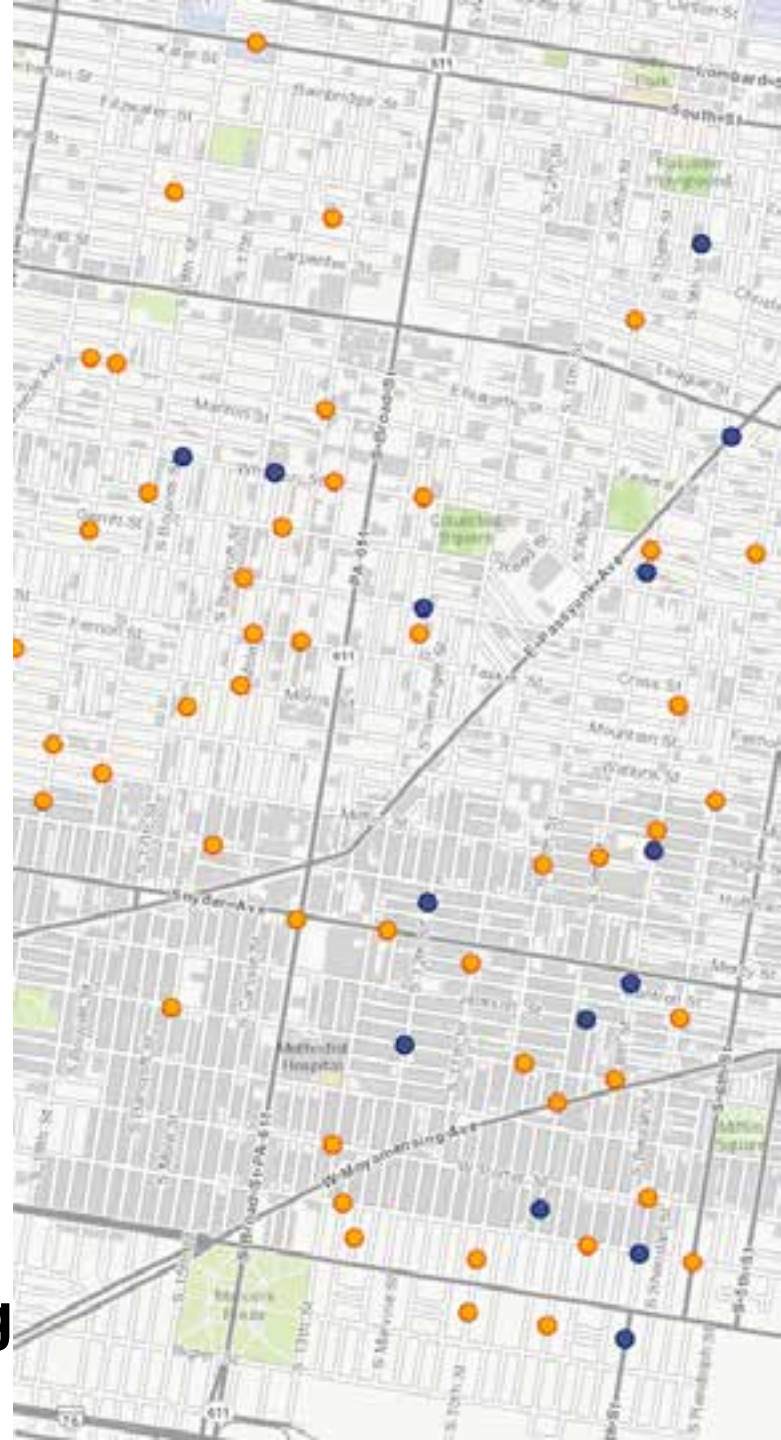
# Task pattern

- **Create task (URL)**
- **Set parameters**
- **Make async request**
- **Wait for response**
- **Put response on map**

# Complex Task

Let's show someone else's work

[opendataphilly.org](http://opendataphilly.org)





**Let's Review**





**Most Bickering is just noise**

**Both Android and iOS do things well**



**1%**



TRUE  
LOVE



Understanding our world.