# OPEN DATA ZÜRICH HACKNIGHTS 2013

## ESRI'S TECH BRIEFING

1. Who is Esri?
   http://www.esri.com
2. Look at data sources (Open Data Zürich)
   http://data.stadt-zuerich.ch/content/portal/de/index/ogd/daten.html
3. Look at a web map that displays one of these data layers
   http://www.arcgis.com/home/webmap/viewer.html?webmap=0927eb70003f4ffe8d0388009b681249
   (Basemap http://www.webgis.stadt-zuerich.ch/ArcGIS/rest/services/Raster_Stadtplan3D/MapServer)
4. How you upload, store, and share that data layer service
   http://www.arcgis.com/home/item.html?id=22f579ac49b8405584a14ffc87c630a1
5. Service definition, REST endpoint
   http://services2.arcgis.com/VALCFuMn⬚mYTnWtB/arcgis/rest/services/Spielplatz/FeatureServer/0
6. Here's a sample that just gives a blank map, you can paste into here a Feature Layer REST endpoint to browse what it looks like
   http://esri.github.io/quickstart-map-js/html/cloud/load_feature_service.html
7. This is just one of the "Get Started Quick" samples we provide …
   http://esri.github.io/quickstart-map-js/index.html
8. … here at our JS API quickstarter on Github
   https://github.com/Esri/quickstart-map-js/
9. And here at Esri's Github site, you'll find over 100 open source repositories for all kinds of web, mobile, and desktop apps and templates
   https://github.com/esri (Check this sample as well: https://github.com/Esri/bootstrap-map-js/)
10. In addition to the simple stuff, the real value of GIS is in the spatial analysis you can do:
    Sample 1 https://developers.arcgis.com/en/javascript/jssamples/gp_servicearea.html
    Sample 2 https://developers.arcgis.com/en/javascript/jssamples/routetask_closest_facility.html
    (Find more samples at bullet 14.)

## So how can *you* do all of this?

11. ArcGIS provides the mapping platform for developers
    http://developers.arcgis.com/ (Terms of ⬚se: https://developers.arcgis.com/en/terms/ and FAQs https://developers.arcgis.com/en/terms/faq/)
12. You can sign up for a free
    https://developers.arcgis.com/en/sign-up/
13. When you sign in, you get access to a gallery of useful maps and apps. And your own dashboard for creating and managing your maps and content
    http://**<yoursubscription>**.maps.arcgis.com/home/content.html
14. Part of the ArcGIS site is an area for developers where you can find samples and docs
    https://developers.arcgis.com/en/documentation/