

Hello,
Fulcrum
LIVE

- late in the day, thanks, beers!

How I
got here

- from texas, live in austin, TRC eng env firm, demographics firm

Integrating services

The Pieces

Fulcrum +
Dropbox + Arcgis
+ Pipelogix

- talk briefly about fulcrum dropbox sde pipelogix and pressures within enterprise

Fulcrum - reduce errors at the point of capture

- the field problems fulcrum solves

Fulcrum - makes our job easier - record and media locations are great! record history is awesome! - query api is excellent

```
SELECT * FROM TABLE WHERE A LIKE '%B%';
```

With postgis functions!

```
SELECT b._record_id,
       updatedX, updatedY,
       ST_X(c._geometry) AS pX, ST_Y(c._geometry) AS pY,
       ST_Distance(b.the_geom::geography, c._geometry::geography)
       AS distance
FROM
  (SELECT
   _record_id,
   ST_X(ST_Centroid(ST_Collect(_geometry))) AS updatedX,
   ST_Y(ST_Centroid(ST_Collect(_geometry))) AS updatedY,
   ST_Centroid(ST_Collect(_geometry)) AS the_geom FROM
   (SELECT _record_id, _geometry
    FROM "Dominion - Due Diligence/site_inventory_list"
   UNION
   SELECT _record_id, _geometry
    FROM "Dominion - Due Diligence/secondary_containment_areas") a
  GROUP BY _record_id) b
LEFT JOIN
  (SELECT well_name, _record_id AS fulcrum_id, _geometry
   FROM "Dominion - Due Diligence") c
ON b._record_id = c.fulcrum_id
WHERE ST_Distance(b.the_geom::geography, c._geometry::geography) > 20;
```

Dropbox - easily
receive/share/store
data and query the
storage



Arcgis - cuz GUI
mostly but also
already in place

Pipelogix -
because we
have to

- I had to write some very convoluted complex queries to get data out of this ms access based system and into a more sane(imho) Fulcrum data structure

Deoteron (and

Bootstrap (and
bootstrap table!),
jquery, php,
CMV(arcgis js api)

Demo

TRC ENV

Fulcrum Record

Syncs + Carto