

WARD & BOUNDARY COMMISSION MEETING
Tuesday, September 25, 2018
City Hall Council Chambers
1:00 p.m.

PRESENT: Chairman Roy Nutter, Damien Davis City Engineer, Heather Carl Deputy Clerk, Commission Members: Sarah Barnes, Cindy O'Brien, Roger Banks, Alice Meehan, William Ryan, and Alan Donaldson.

The meeting was called to order by Chairman Roy Nutter at 1:16 p.m.

APPROVAL OF MINUTES:

September 18, 2018 meeting minutes was approved by consensus.

PUBLIC PORTION:

Chairman Roy Nutter declared the Public Portion open.

There being no appearances Chairman Nutter declared the Public Portion closed.

UNFINISHED BUSINESS:

A. Report from Damien Davis

- Progress on obtaining census data and registered voter data.
- Progress on evaluation of open source software recommendation from Roger Banks
- Progress on plotting all data on a city street map with current ward and precinct information

Damien Davis, City Engineer, met with Carye Blaney on Thursday, September 20th did not get any new information. He ended up using Google Vision Tables and got onto the Census Website and narrowed down what he needs to use. He stated the he is hoping to have all the information done to present at the next meeting on October 2nd.

B. Report on letter of request to Council for extension

- Chairman Roy Nutter explained that the letter was sent to City Council by Deputy Clerk Heather Carl and they appreciate that it was sent to them.

C. Software Search

- Chairman Nutter mentioned that he did a public search and come across a website called **GitHub** and found 104 programs. The one that he chose was District Builder that is a shareware site, which is one that college students use a lot and is part of Penn State. Chairman Nutter did not think that the Auto Redistrict that Roger brought forth at the last meeting was a good software, so he wanted to look further to see what he could find. He stated that District Builder has 2200 commits and 10 contributors. He handed out for everyone to look over some information about the software. He is sending it to all of the Commissioners and the Deputy Clerk to add to the record. (Ex. A)

NEW BUSINESS:

A. Plans for the next 7 days

- Damien Davis, City Engineer, is going to compile all the data into a PowerPoint Presentation to present it at the next meeting on October 2, 2018.

B. Reminder of next scheduled meeting, time, date, and location

Meetings will continue every Tuesday at 1:00 p.m. as the report is due to be presented to Council on

ADJOURNMENT: There being no further business, meeting adjourned at 1:40 p.m. by unanimous consent.

Prepared by:

Heather Carl

Date Approved: 90/2/2018

RJL/ntt. j
Chair

Ex. A

SEARCHED on "redistricting" in GITHUB 9/25/2018 ...rsn

104 repository results

Sort: Best match

[PublicMapping/DistrictBuilder](#)

DistrictBuilder is web-based, open source software for collaborative *redistricting*.

Apache-2.0 license

Updated a day ago

JavaScript

[93](#)

[fivethirtyeight/redistricting-atlas-data](#)

Data used in The Atlas Of *Redistricting*

Updated on Feb 1

[76](#)

[oliviaguest/redistrict](#)

Gerrymandering and Computational *Redistricting*

GPL-3.0 license

Updated on Nov 18, 2017

Jupyter Notebook

[15](#)

[zschutzman/redistricting](#)

Updated on Jul 28

Jupyter Notebook

[1](#)

[ColCarroll/redistricting-pymc3-pycon-2018](#)

Code and notebooks for "Fighting Gerrymandering with PyMC3" from PyCon 2018

Updated on May 29

Jupyter Notebook

[5](#)

[stamen/open-redistricting](#)

A collaborative, open legislative *redistricting* tool, built atop GitHub.

[mapdemocracyelectionlegislatureredistricting](#)

BSD-2-Clause license

Updated on Feb 18, 2017

JavaScript

15

[migurski/Redistricting](#)

Updated on Jun 6, 2017

Python

12

[linz/qgis-redistricting-plugin](#)

LINZ 2018-19 Electoral *Redistricting* Application

[pluginqgislinz](#)

Updated on Feb 21

1

[cran/BARD](#)

Better Automated *ReDistricting*

Updated on Apr 2, 2014

R

3

[MeganGall/Tufts_GIS](#)

Materials for QGIS Introduction to Distance Analyses workshop at the Geometry of *Redistricting* Summer School, Tufts U...

Updated on Mar 9

6

[jimcavoli/RedistRick](#)

A tool for ArcGIS to simplify and visualize *redistricting* operations.

MIT license

Updated on Apr 25, 2016

Python

[justinelliotmeyers/Telangana_Redistricting_2017](#)

Updated on Apr 29, 2017

[CitizenRedistrictingNC/nc-redistricting](#)

A public *redistricting* platform for North Carolina

GPL-3.0 license

Updated on Jan 31, 2017

TypeScript

2

[gerrymandr/redistricting-preferences-app](#)

Project to create an app to measure constituent preferences on redistricting plans.

Updated on May 17

Objective-C

3

[sopwath/MCSDMapping](#)

Redistricting of MCSD

Updated on Feb 17, 2015

[brianolson/redistricter](#)

open source impartial algorithmic *redistricting*

Updated on Jun 25

Python

[boriflaco/redistricting](#)

redistricting test

Updated on Apr 17

[open-redist/Texas-2003-Redistricting](#)

Texas 2003 *Redistricting*

Updated on Feb 17, 2017

[jamesfe/voteGenes](#)

A Genetic *Redistricting* Algorithm

Updated on Mar 28, 2013

Python

[UrbanStrategies/dd2014](#)

Measure DD *Redistricting* Commission

Updated on Nov 29, 2017

CSS

[maptastik/fcps-redistricting](#)

Proposed *redistricting* plans for FCPS

Updated on Feb 23, 2015

HTML

[1](#)

[solbrigm/Redistricting](#)

Master's Thesis on *Redistricting*

Updated on May 5, 2013

[valerierose/voronoi_district](#)

Redistrict the United States using Voronoi Tesselations

[pythonpoliticsgeometrynumpygisipython-notebookscipyvoronoi](#)

Updated on Feb 12, 2017

Jupyter Notebook

[2](#)

[andrasreka96/redistricting](#)

QGIS Python Plugin for *redistricting*

Updated on Apr 15

Python

[SigmaEpsilonChi/district](#)

Redistricting made fun and easy.

Updated 6 days ago

JavaScript

[1](#)

[kyeongsooKim/redistricting_analysis](#)

redistricting algorithm generator to prevent gerrymandering.

Updated on Apr 13

JavaScript

[forthepeoplebythepeople/redistrict](#)

Customizable, Automated Hands-Free *Redistricting*

Updated on Jan 2, 2017

C++

[1](#)

[ameert/pa_sampling](#)

sampling examples for PA *redistricting*

Updated on Mar 15

[mdbenjam/redistricting-maps](#)

An interactive *redistricting* map

Updated on Apr 7, 2017

JavaScript

[MinnPost/minnpost-redistricting-map-open-seats-2012](#)

Map and visualizations of new districts and open seats

Updated on Jan 7, 2013

JavaScript

[3](#)

[PrincetonUniversity/gerrymander-geoprocessing](#)

A loose collection of utilities for preprocessing geographic data for studying *redistricting*.

AGPL-3.0 license

Updated 5 days ago

Jupyter Notebook

[2](#)

[timmoon10/gerrymander](#)

A silly county-level *redistricting* project

Updated on Jul 14

Julia

[drdeford/Tree Partitions Preliminary](#)

Basics of tree splitting for *redistricting*

Updated 7 days ago

Python

[nradonic/redistricting1](#)

merging like squares into contiguous zones, with graphic display

Updated on May 9

JavaScript

[gerrymandr/benchmarking](#)

Small-scale benchmarking suite for *redistrictingsimulators*.

Updated 12 days ago

Python

[pirule/redistricting.github.io](#)

Website for my computational *redistricting* project

Updated on Jul 22

HTML

[pirule/elbridge](#)

Congressional *redistricting* with multi-agent reinforcement learning

MIT license

Updated on Jul 28

Python

[1](#)

[BrainerdofDenver/S1GX](#)

Section 1 : group X : *Redistricting* assignment

Updated on Apr 10, 2017

[ID10-T/Redistricting](#)

tool that allows for *redistricting* boundaries

Updated on Jun 7

[jeffreylipnick/simulated-annealing](#)

Simluated Annealing Assignment for Political *Redistricting*

Updated on Jan 22, 2017

Python

[datamade/illinois-district-map](#)

Illinois Redistricted: Stories from the 2010 Illinois *redistricting* process

Updated on Sep 10, 2013

JavaScript

[1](#)
[jennagreen/texas-redistricting](#)

Updated on Oct 29, 2013

[MSLADevServGIS/wardredistricting](#)

Materials used for the 2017 Missoula Ward *redistricting* project

MIT license

Updated on Feb 13, 2017

Python

[nikolauspschuetz/redistricting](#)

For investigation into gerrymandering during *redistricting*

Updated on Feb 7

Python

[Schweig/CSE308](#)

Congressional *Redistricting* Project for SBU CSE 308

Updated 14 days ago

[stevenokimbrough/RedistrictingLouisianaGame](#)

Files in support of the *redistricting* Louisiana game

MIT license

Updated on Sep 24, 2017

Python

[imckdonnelly/imckdonnelly.github.io](#)

Visualizing congressional *redistricting* through American history

Updated on Jun 29

JavaScript

[stevenokimbrough/redistricting](#)

This repository is for my code and related files for developing and assessing *redistricting* plans.

Updated on Dec 29, 2017

[nav10003/Redistricting](#)

MIT license

Updated on Oct 20, 2015

HTML

1

[oburbank/redistricting](#)

Updated on Dec 31, 2017

Python

[chrismlarson/redistricting](#)

Fair *redistricting* experiments without demographic info beyond location.

GPL-3.0 license

Updated 5 days ago

Python

[andrasreka96/redistricting_module](#)

This is a QGIS Python module for *redistricting*

Updated on Mar 20

[zlingddp/SchoolSiteDesktop](#)

For SchoolSite Desktop, including *Redistricting*, Projection and toolbar

Updated on Nov 12, 2013

[openbrian/acps_redistricting](#)

And independent analysis of the City of Alexandria *Redistricting* process.

Updated on Dec 27, 2016

PLpgSQL

[aroques/redistricting](#)

This program provides simulates *redistrictings* of a 5x5 map and prints the statistics.

[tkinterpython36redistricting](#)

Updated on Feb 11

Python

[lianghuahai/redistricting](#)

Updated on Aug 8

Java

[edbaskerville/virginia2017](#)

Redistricting experiment with 2017 Virginia House of Delegates election results

Updated on Dec 29, 2017

Python

[newspapercentral/redistricting](#)

Updated on Mar 21

[indiana-nikel/gerrymandering](#)

An RShiny web application that showcases *redistricting* through machine learning.

Apache-2.0 license

Updated on Jul 5

Jupyter Notebook

[waldoj/redistricting-demo](#)

Demonstrating how the *redistricting* process could work via GitHub.

MIT license

Updated on May 2, 2016

[iterrace/seattle-HALA-2015-map](#)

The Seattle 2015 HALA *redistricting* map overlaid on Google Maps.

Updated on Jul 14, 2015

HTML

[1](#)

[moshea93/Redistricting-Proj](#)

Updated on Mar 14, 2017

Python

[stcody/City-of-Miami](#)

Redistrict the City of Miami

Updated on Mar 28, 2012

[1](#)
[austinclemens/Redistricting-Algorithms](#)

Updated on Jun 11, 2016

Python
[newspapercentral/automated-redistricting](#)

Updated on Apr 10

HTML
[1](#)
[coder-zhi/python-redistricting](#)

Updated on Jun 16, 2013

[jiedanpan/Redistricting-1](#)

Updated on Jan 14

[zacharyburnett/school_redistricting](#)

MIT license

Updated on Jan 15

Python
[Ihmzhou/DemocraticRedistricting](#)
in conjunction with NDRC, this project sheds light on the ongoing, national problem of gerrymandering

Updated on Sep 10, 2017

CSS
[correctiv/pandas-redistrict](#)
Redistrict dataframes and port old district data to the current state

MIT license

Updated on Sep 8, 2015

Python
[3](#)
[Untellable/Redistricting-Game-Pennsylvania-Layer](#)

Updated on Jan 31

R
[davebradlee/WA-Redistricting-Data](#)

Updated on Feb 23

HTML
[dmeyerw/ArcGIS-Redistricting-Revamp](#)

Updated on Feb 2, 2012

[1](#)
[correctiv/pandas-redistrict](#)
Redistrict dataframes and port old district data to the current state

MIT license

Updated on Sep 8, 2015

Python
[3](#)
[ArshneetSandhu/Redistricting-home](#)
The home base for all the state games.

Updated on May 11, 2016

[weeksie/agitate](#)
Our aim here is not to solve partisan *redistricting* on our own. Rather, it is to give people the tools they need to d...

Updated on May 20, 2017

PLpgSQL
[2](#)
[kyeongsooKim/US_redistricting_webapp](#)
Automatically generate a state *redistricting* plan based on parameters set by the user.

Updated on May 7

Java
[1](#)
[almaveln/metaheuristic_for_redistricting](#)

Updated on Jun 2

Jupyter Notebook

[**mattmck/bcps-sw-redistricting**](#)

Updated on Nov 18, 2015

JavaScript

[**iledinh/Carolina-Data-Challenge-2017**](#)

Created an interactive map that simulates *redistricting* NC counties to balance US Representatives using voter registr...

Updated on Sep 17, 2017

Python

[**gerrymandr/district-enumeration**](#)

Python module to enumerate all partitions of a small graph for *redistricting* demo

Updated on Oct 16, 2017

Python

[**iledinh/Carolina-Data-Challenge-2017**](#)

Created an interactive map that simulates *redistricting* NC counties to balance US Representatives using voter registr...

Updated on Sep 17, 2017

Python

[**iisantuc/redistricting-graph-sim**](#)

Simulate possible districting plans from a shapefile of the finest units

Apache-2.0 license

Updated on Feb 26

Python

[**texastribune/redistricting-CD27-analysis**](#)

Analyzing data for our story on Congressional District 27

Updated on Apr 16

Shell

1

[**BrianAmos/Old Bachelor Acceptance**](#)

Some scripts to carry out a local search automated *redistricting* process

Updated on Oct 17, 2013

Python

[cecilartavion/MCMC_redistricting_john](#)

Updated on Aug 7

Python
[BKelsay/Redistricting-Model-1](#)

Updated on Nov 16, 2016

[cecilartavion/Reconfiguration-Redistricting-Graphs](#)

Updated on Mar 8

Python
[DallasMorningNews/interactive_redistricting-redux](#)

Updated on Apr 20

JavaScript
[mbrasil2/gerrymanderingonline](#)
A CSE308 project by the Jaguars team that involves *redistricting* based off of gerrymandering.

Updated on Mar 20

Java
[thebat137/PA-redistricting-data-2011](#)
GIS *redistricting* data used by Pennsylvania legislators in 2011, plus a proposed design for the new districts

Updated on Mar 24

[imd1987/Ft-Worth-2020-redistricting](#)

Updated on Mar 25

[christianmconroy/Redistricting-Accountability-Gap](#)
Developing Means for Assessing the Impact of Gerrymandering on Accountability

Updated on Aug 20

[PrincetonUniversity/VA-gerrymander](#)
A map to remedy VA's unconstitutional House of Delegates districts, with accompanying analysis

[virginiagerrymanderingredistricting](#)

Updated 4 days ago

HTML

[2](#)

[OnTheLine/otl-metromerger](#)

Simulate the merger (or *redistricting*) of smaller polygon areas into larger regions, with Leaflet thematic hover map

MIT license

Updated on Jul 24

HTML

[toshism/agitate](#)

Our aim here is not to solve partisan *redistricting* on our own. Rather, it is to give people the tools they need to d...

Updated on Apr 4, 2017

PLpgSQL

[1](#)

[PrincetonUniversity/gerrymandertests](#)

Lots of metrics for quantifying gerrymandering

[politicsgerrymanderingredistricting](#)

GPL-3.0 license

Updated 28 days ago

Jupyter Notebook

[1](#)

[cran/redist](#)

This is a read-only mirror of the CRAN R package repository.
redist — Markov Chain Monte Carlo Methods for *Redistr...*

Updated on Mar 15, 2017

R

[gerry-manders/gerryapp.com](#)

An interactive data visualization of congressional districts and gerrymandering.

[interactivedata-visualizationgerrymanderingredistricting](#)

MIT license

Updated on Aug 21

JavaScript

1

[rhansson/California 2016 Election precinct data](#)

California precincts in TopoJSON format

[californiatopojsonredistricting](#)

MIT license

Updated on Mar 19, 2017

[adrianButterton/Thesis](#)

Using the redist package as described in Fifield, Higgins, Imai and Tarr (2016)
``A New Automated *Redistricting* Simul...

Updated on Feb 6

[nwchen24/RedistrictR](#)

UC Berkeley Capstone project tackling a quantitative *redistricting* with an evolutionary algorithm in San Diego County...

Updated on Dec 20, 2017

R

[NewportDataPortal/RIGIS-rhode-island-house-districts](#)

within a State. In Connecticut, Illinois, Louisiana, Maine, Maryland, Massachusetts, Michigan, Ohio, and Puerto Rico...

[governmentmaprigis](#)

Updated on Jun 16, 2017

HTML

[NewportDataPortal/RIGIS-rhode-island-senate-districts](#)

within a State. In Connecticut, Illinois, Louisiana, Maine, Maryland, Massachusetts, Michigan, Ohio, and Puerto Rico...

[governmentmaprigis](#)

Updated on Jun 16, 2017

HTML

PublicMapping/DistrictBuilder

Code Issues 127 Pull requests 4 Wiki Insights

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DistrictBuilder is web-based, open source software for collaborative redistricting. <http://www.districtbuilder.org/>

- **2,223** commits
- **30** branches
- **7** releases
- **10** contributors
- Apache-2.0

migurski/Redistricting

Code Issues 0 Pull requests 0 Projects 0 Insights

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No description, website, or topics provided.

- **70** commits
- **2** branches
- **0** releases
- **1** contributor

PublicMapping/**DistrictBuilder**

Code Issues 127 Pull requests 4 Wiki Insights

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Home

dzwarg edited this page on Mar 28, 2012 · [7 revisions](#)

DistrictBuilder Wiki

The Public Mapping Project is developing DistrictBuilder, an open source software redistricting application designed to give the public transparent, accessible, and easy-to-use on-line mapping tools.

Enjoy!

The DistrictBuilder Team

Starting Points

- [PublicMapping website](#)
- [Documentation](#)
- [Testing](#)
- [Development](#)

Contact Us

- DistrictBuilder Users mailing list: districtbuilder-users@googlegroups.com
- DistrictBuilder Developers mailing list: districtbuilder-dev@googlegroups.com
- IRC: [#districtbuilder](#) on irc.freenode.net

Partners

Organizations Using Our Software in 2010

- AZ [Arizona Competitive Districts Coalition](#)
- CA [Contra Costa County](#)
- IL [Midwest Accountable Redistricting](#)
- IN [Midwest Accountable Redistricting](#)
[Draw Marion County](#)
- MI [Michigan Citizens' Redistricting Competition](#)
[Midwest Accountable Redistricting](#)
- MN [Draw Our Minnesota](#)
[Draw Our Minnesota \(Local Version\)](#)
[Midwest Accountable Redistricting](#)
- NY [RedistrictNY.org](#)
- OH [Ohio Redistricting Competition](#)
[Midwest Accountable Redistricting](#)
- PA [Fix Philly Districts](#)
- VA [Virginia Redistricting Competition](#)
- WI [Midwest Accountable Redistricting](#)