Tad and Adam,

Does this happen when assigning from a particular layer?

Is this with all your plans (New, Existing or one’s created from a template)? Do the plans have spaces or special characters in their name?

I have been trying hard to recreate the error and I may need some more information.

Thank you,

Tony

---

From: tottman [mailto:]
Sent: Wednesday, May 04, 2011 10:23 AM
To: Squires, Ryan
Subject: Autobound crash

Ryan,

This is a picture of what I get when autobound crashes on me. I was working on a map that has effectively 8 Assembly Districts assigned, I clicked on "current district" on the autobound tools to switch districts. The district numbers came up, when I clicked on the new district I wanted to move to, the program crashed and closed out and this popped up: (If form holds, this will happen on nearly every district switch using the toolbar the rest of the way until I have them all filled in and can left click between districts)
ArcGIS Desktop has encountered a serious application error and is unable to continue.

If you were in the middle of something, the information you were working on might be lost.

Please tell ESRI about this problem.

We have created an error report. Press the 'Send Error Report' button to send the error report to us automatically over the internet.

We will treat this report as confidential and anonymous.

Optionally, provide your email address and a description of the problem. We will contact you if we need additional information about this issue. Your email will only be used in relation to this issue.

Email Address:

What were you doing when the problem happened?

Include my system information in the error report

Send Error Report  Don't Send
1. Create a new plan
2. Empty plan
3. Open arcmap
4. Add data
5. Ap9gbd
6. open arc toolbox
7. conversion tools
8. open to shapefile
9. feature class to shapefile
10. input features (plan boundary)
11. output folder, wherever you want
12. Go to data exchange tools
13. Import plan
Tad and Adam,

Can you look at this report to see if the structure works for you.

Thank you,

Tony

Tony J. Van Der Wielen
Legislative Technology Services Bureau
GIS Manager
Phone: 608-283-1817
Fax: 608-267-6763
E-mail: Tony.vanderwielen@legis.wisconsin.gov
### Disenfranchisement Report

<table>
<thead>
<tr>
<th>Current District</th>
<th>Current District:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Population from District:</td>
<td>8</td>
</tr>
<tr>
<td>Population from District:</td>
<td>28</td>
</tr>
<tr>
<td>Total Disenfranchised:</td>
<td>32,664</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Current District</th>
<th>Current District:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25</td>
</tr>
<tr>
<td>Population from District:</td>
<td>12</td>
</tr>
<tr>
<td>Total Disenfranchised:</td>
<td>6,507</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Current District</th>
<th>Current District:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>29</td>
</tr>
<tr>
<td>Population from District:</td>
<td>12</td>
</tr>
<tr>
<td>Total Disenfranchised:</td>
<td>4,069</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Current District</th>
<th>Current District:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>33</td>
</tr>
<tr>
<td>Population from District:</td>
<td>28</td>
</tr>
<tr>
<td>Total Disenfranchised:</td>
<td>749</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total for Plan:</th>
<th>Workspace: Senate Plans&gt;&gt;SimpleSenate2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>43,989</td>
</tr>
</tbody>
</table>
I just want to confirm it works with the Senate District Plans. I am still working on the Assembly side.

Tony

-----Original Message-----
From: Ottman, Tad
Sent: Monday, May 23, 2011 5:17 PM
To: Van Der Wielen, Tony
Subject: RE: Disenfranchisement

I finally got the disenfranchisement report to run, but it was off by a 6 figure magnitude compared to the same core constituency report on a senate plan. Some totals from even numbered senate districts it had dead on, others were off by 100's to 1000's, and in still others, it missed complete totals from even numbered senate districts that wound up in odd numbered districts.

-----Original Message-----
From: Van Der Wielen, Tony
Sent: Fri 5/20/2011 3:53 PM
To: Ottman, Tad; Foltz, Adam
Subject: Disenfranchisement

'Tad and Adam,

Can you look at this report to see if the structure works for you.

Thank you,

Tony

Tony J. Van Der Wielen
Legislative Technology Services Bureau
GIS Manager
Phone: 608-283-1817
Fax: 608-267-6763
E-mail: Tony.vanderwielen@legis.wisconsin.gov
On May 23, 2011, at 5:16 PM, "Ottman, Tad" <Tad.Ottman@legis.wisconsin.gov> wrote:

> I finally got the disenfranchisement report to run, but it was off by a 6 figure magnitude compared to the same core constituency report on a senate plan. Some totals from even numbered senate districts had dead on, others were off by 100's to 1000's, and in still others, it missed complete totals from even numbered senate districts that wound up in odd numbered districts.
>
> -----Original Message-----
> From: Van Der Wielen, Tony
> Sent: Fri 5/20/2011 3:53 PM
> To: Ottman, Tad; Foltz, Adam
> Subject: Disenfranchisement
>
> Tad and Adam,
>
> Can you look at this report to see if the structure works for you.
>
> Thank you,
>
> Tony

Tony J. Van Der Wielen
Legislative Technology Services Bureau
GIS Manager
Phone: 608-283-1817
Fax: 608-267-6763
E-mail: Tony.vanderwielen@legis.wisconsin.gov

I will look at this now.

*sent from my iPhone*
I would try and do a recalculation of the plan and choose “no”. This should help.

I am looking into this further today.

Tony

Tony J. Van Der Wielen
Legislative Technology Services Bureau
GIS Manager
Phone: 608-283-1817
Fax: 608-267-6763
E-mail: Tony.vanderwielen@legis.wisconsin.gov
Hi Tad and Adam,

We will be clipping the Great Lakes and Lake Winnebago water from the entire Statewide10 database so the compactness and other spatial analysis will be accurate. The exact blocks that were chosen as “Land” or “Water” were determined by population counts (all being 0), the US Census Water layer/codes, and by Tony and I confirming each of them by hand. In the frequent case of a river running into the lakes, the blocks were removed in the river outlet up until the first bridge.

The process is quite simple. We will be using the State outline I described above as a cookie cutter to clip out the water from the data. There will be no loss of population, and the data will be exactly the same as before, but there will be blocks removed. Since we drew the outline based on the same blocks that you are using, there shouldn’t be any trimming of actual polygons at the block level, only removal. However, we will have to trim the geography of all of the higher level geographies, so the process takes about an hour to complete. The process creates a copy, and does not alter the original database, so we can test it before we leave.

Please let us know when would be the best time for Tony and I to come over and start the process or if you have any questions.

Thanks,

Ryan Squires
GIS Analyst
Legislative Technology Services Bureau
608-283-1814
Tad and Adam,

Can you run through the following steps in autoBound. This will prepare your database for the 2010 State Senate Election Data.

1. Open the autoBound Administration tool.
   a. Choose “Manage my Census and Political Data”.
   b. Choose “Calculate or Edit My Database”.
   c. Click on the “Add Field” button.
   d. Add the following fields with the follow parameters
      1. Numeric
      2. Field 9, no decimals
      ii. SSDEM10
      iii. SSREP10
      iv. SSIND10
      v. SSSCAT10
      vi. SS10T

After the fields are added you may need to “Finalize database” to use autoBound again. If this can be done before we come over tomorrow, I will be able to add the 2010 Senate data to your databases.

If you don’t feel comfortable adding these fields in the database I can do it tomorrow.

Thank you,

Tony
Tony J. Van Der Wielen
Legislative Technology Services Bureau
GIS Manager
Phone: 608-283-1817
Fax: 608-267-6763
E-mail: Tony.vandervielen@legis.wisconsin.gov
Hi Tad and Adam,

I spoke with Fred on the phone. The slivers showing up in the Plan Errors and the Overlapping Populations error are directly related as you suspected. Without going into too much unnecessary detail, the issue is basically due to the differences in precisions between the native format (shapefiles) that the original data sits in, and the database format that it is converted to when a plan is generated. I guess this is an issue that Fred has been working on for a while and was able to find a resolution last week. He has released a patch on his website. However there are two things you should be aware of. The first is that we have not tested this new patch yet, so you can download and run it now, or let us download and mess with it a bit to test it. It is up to you, I didn’t know how much it was affecting you, or if you are ok with trusting the patches. The second is that this will only affect NEW plans, so all of your previously created plans will not be fixed. Fred promised me he would create a utility in the next couple of days to convert old plans into the patch solution. He will let me know when that is released.

You can find the patch (autobound10_P5.exe) on Fred’s website here:

http://citygategis.com/download/

... regards to the third issue about AutoBound crashing when you click on Current District or Active Layer, Fred informed me that he has not ever seen the issue or heard of any other users with the issue thus far. We have not seen the issue here, so it was hard for me to push him too had on it. I think to resolve it, we are going to have to document the conditions and procedures around the crash. The next time that it happens, could you please take a screen shot of the error, give me a step by step procedure of what was clicked leading up to the crash, and some information on the plan you were working on at the time.

Please let me know if you have any other questions.

Thanks,

Ryan Squires
GIS Analyst
Legislative Technology Services Bureau
608-283-1814
Hi Adam and Tad,

I have been trying to track down the US Representatives’ home addresses for the Congressional Incumbents file that you had requested, but due to security reasons, it has been quite difficult to get any information. Mike Keane was able to dig up the addresses below, but it sounds like they are about a year old, or 12 years old in the case of Baldwin. Would you like me to go ahead with these addresses, or do you know of any other person to contact that would have this information? Please see the email below.

Thanks,

Ryan Squires

From: Keane, Michael
Sent: Wednesday, May 11, 2011 10:08 AM
To: Van Der Wielen, Tony; Squires, Ryan
Subject: Addresses of Congressmen.

These are the addresses we have for Representative to Congress from Wisconsin. For the most part, they are the information submitted to the GAB when they filed for candidacy in July 2010, so they should be considered old data. In the case of Baldwin, the most recent address we have is from 1999, although she may still live there.

Ryan: 221 East Holmes Street, Janesville 53545
Baldwin: 525 Riverside Drive, Madison 53704
Kind: 3061 Edgewater Lane, La Crosse 54603
Moore: 4043 North 19th Place, Milwaukee 53209
Sensenbrenner: N76 W14726 North Point Drive, Menomonee Falls 53052
Petri: N5329 DeNeveu Lane, Fond du Lac 54937
Duffy: 2906 City Heights Road, Ashland 54806
Ribble: 1959 Schuering Road, De Pere 54115

If you have any questions, let me know.

Mike Keane
LRB
6-0346