November Meeting
11/8/2023

AGENDA

1. Announcements
2. Roads & Highways Updates - Nathan Easley
3. Updated RHUG Product Enhancement Request List
4. Open Discussion

ANNOUNCEMENTS

- GeoNet - Become a part of the ESRI Community
  - https://community.esri.com/t5/roads-and-highways-user-group-rhug/gh-p/roads-and-highways-user-group-rhug
- We are always looking for presentation volunteers
- 2024 GIS-T call for abstracts is open!
  - https://www.cvent.com/c/abstracts/2eb2ab8b-620a-44bb-bbb4-964fc5cf48a3
  - Abstract submission deadline is November 24, 2023
  - Conference will be held April 2-5, 2024 in Atlanta, GA

Roads & Highways Updates

Nathan Easley

Enhancement Request List Updated

https://community.esri.com/t5/roads-and-highways-user-group-rhug-questions/rhug-enhancement-list/m-p/1346302

Open Discussion

Upcoming Meetings / Contacts

Wednesday December 13th, 12:30-2pm EST

Contact Info:

Erin Lesh ealesh@ncdot.gov

Patrick Whiteford pwhiteford@azdot.gov

Ryan Koschatzky rjkoschatzky@ncdot.gov

Shaun Perfect sperfect@azdot.gov

Capabilities currently under development

- **Experience Builder widgets**
  - **Search by Route and Measure, by Station, by Coordinate**
  - **Add Point Events**
  - **Add Line Events**
- **Append Routes GP tool option to utilize existing centerlines**

Support Incidents/Defects

- **BUG-000162157** – IrsApplyEdits REST operation will appear to succeed, but actually fail to add records when From/To Date fields are not included in request (fixed in Server 11.3)

- **BUG-000162290** – GP: Modify LRS does not honor Route Id Padding (fixed in Pro 3.3)

- **BUG-000162421** – Deploying the Export Network tool as a service with LRM Translation fails to create a service definition (unable to reproduce, providing user with options to successfully execute the tool)

- **BUG-000162194** – Leaving Fields in a new related record blank that are esriFieldTypeSingle (ArcGIS Pro - Float) and esriFieldTypeDouble (ArcGIS Pro - Double) in Related Tables within ArcGIS Event Editor fail to save even with Allow Null values enabled (currently investigating)

- **BUG-000161769** – 'Select by Geometry' in Event Editor 10.9.1 returns an "Unable to query event locks" error, despite not needing an event lock to perform a select function (currently investigating)

Other Announcements

- **Pro 3.2 released yesterday, Enterprise 11.2 should release next week**

from Koschatzky, Ryan J to Everyone
12:34

https://community.esri.com/t5/roads-and-highways-user-group-rhug/gh-p/roads-and-highways-user-group-rhug

from Koschatzky, Ryan J to Everyone
12:35

https://www.cvent.com/c/abstracts/2eb2ab8b-620a-44bb-bbb4-964fc5cf48a3

from Koschatzky, Ryan J to Everyone
12:36

https://transportation.org/gis-t/2024-gis-t-symposium/

from Nicole to Everyone
12:39

What version in Pro is that in?!

from Praveen to Everyone
12:41

Append routes utilizing the existing centerlines is being built now, it will be in Pro 3.3

from Nicole to Everyone
12:41

Thank you!

from Koschatzky, Ryan J to Everyone
12:44

https://community.esri.com/t5/roads-and-highways-user-group-rhug-questions/rhug-enhancement-list/m-p/1346302

from Ethan Pointer ODOT to Everyone
12:44

I have a "how to" question in Pro (R&H), regarding version managment. I'm looking at how to transfer a version to another user, is it the Alter Version GP tool or is there another way?

from Austin Himmelein to Everyone
12:46

I appreciate you adding the 3 items from Michigan DOT!

from Nathan Easley to Everyone
12:47

Ethan, you might want to take a look at this topic https://pro.arcgis.com/en/pro-app/latest/help/data/geodatabases/overview/manage-branch-versions.htm#GUID-A216B1EB-FEF8-490B-ABB4-C308F00878E3

from Ethan Pointer ODOT to Everyone
12:48

Yea, found that page as I typed that, I'

from Ethan Pointer ODOT to Everyone
12:48

I'll give it a read

from Amit Hazra to Everyone
12:51

@Ethan - and if you are interested in the REST endpoint that is doing all the work: https://developers.arcgis.com/rest/services-reference/enterprise/alter.htm

from James E. Mitchell, Ph. D. - Louisiana to Everyone
12:52

Nathan, do we want to continue to maintain different sets of "features" in the diferent environments? Or, so e want all features to be available, regardless of her we are working from?

from INDOT - Kevin Munro to Everyone
12:54

Ethan what version are you operating with?

from Ethan Pointer ODOT to Everyone
12:56

3.1.3

from Patrick Kemble - NYSDOT - HDSB to Everyone
13:01

Are alot of folks using temporailty to this extent?

13:01

We are tyring to
from peter morey to Everyone
13:02

i think at least having a warning that there are latter edits would help
from Patrick Kemble - NYSDOT - HDSB to Everyone
13:02

Shaun - for what use case? Just curious.
from peter morey to Everyone
13:02

We always use the current date beacuse we have found that back dating has caused problems when we didnt realize there were edits that occur later than the back date
from Patrick Kemble - NYSDOT - HDSB to Everyone
13:05

What tool are you using to find when you have different events on dominant and subordiante routes?
from Phil Hardy - Trimble to Everyone
13:05

On item 31, one of the details is handling events that are partially on sub segments. Some would like the events split in these cases.
from Patrick Kemble - NYSDOT - HDSB to Everyone
13:07

Sorry Shaun, I thought you said you use a tool already.
from peter morey to Everyone
13:07

We have home brew QC checks that find events on subordinate routes
from peter morey to Everyone
13:08

would be nice to have it in the tool before creating them instead
from Nicole to Everyone
13:09

Does anyone use Data Reviewer to check their events? We use that to make sure events are on the dominante. As well as making sure we have a primary network to use for bulk events loading
from peter morey to Everyone
13:10

yes, Data Reviewer is one of te tools we use, we also use FME.
from Patrick Kemble - NYSDOT - HDSB to Everyone
13:11

We unfortunately abandoned data reviewer. For some reason I thought it was being replaced with something else.
from Patrick Kemble - NYSDOT - HDSB to Everyone
13:11

Looks like we need to start it back up.
from peter morey to Everyone
13:11

Attribute Rules is mostly replacing them in Arc Pro
from Mac Christmas to Everyone
13:12

Data Reviewer has some ready to use Attribute Rules specificially for LRS:
from Mac Christmas to Everyone
13:13

https://pro.arcgis.com/en/pro-app/latest/help/data/validating-data/event-on-event.htm

from Jay Cary to Everyone
13:14

Data Reviewer checks poster
from Jay Cary to Everyone
13:14

https://pro.arcgis.com/en/pro-app/latest/help/data/validating-data/pdf/data-reviewer-pro-poster.pdf

from peter morey to Everyone
13:18
Something new to add that I do not think is in the list yet, would be to change it so you do not need to be the 'data owner' to set attribute rules or such. Make it a DB role that can be assigned to other users.

from Koschatzky, Ryan J to Everyone
13:19
I40# if you copy/paste centerline by mistake the user cannot delete the record.

from INDOT - Kevin Munro to Everyone
13:21
One multimodal network = much simpler.

from peter morey to Everyone
13:21
Yes, for us we have limited editors who can edit highways

from peter morey to Everyone
13:21
everyone can edit local roads

from Andy Richardson to Everyone
13:21
Or a service with a definition query, shared with only specific users?

from Nicole to Everyone
13:22
or use Redline - we have local highway districts that use Redlines for new routes that need to be added.

from James E. Mitchell, Ph. D. - Louisiana to Everyone
13:23
"selective edinting" could be very useful when collaborating with other organizations; local v. state-maintained rodds.

from Nicole to Everyone
13:23
We have just two network editors - but everyone has access to the redlines

from Jay Cary to Everyone
13:23
@Peter - RE: Data owner requirement for attribute rules: I'd suggest adding this as an idea to the Attribute Rules Idea place (https://community.esri.com/t5/attribute-rules-ideas/idb-p/attribute-rules-ideas)

from INDOT - Kevin Munro to Everyone
13:29
Item #46 - FeatureService is published without definition query!, expecting filters in webmap to be used instead. Select and attributeSet does not honor webMap filter. This is dangerous to us.

from Austin Himmelein to Everyone
13:32
For #50 how do you deal with roads on the border of 2 polygons

from INDOT - Kevin Munro to Everyone
13:33
Business rules can vary on this depending on poly layer

from INDOT - Kevin Munro to Everyone
13:36
Pop ups are disabled for controlling red/red-write capabilities in the web map. Event Editor does not give a workaround.

from Charlotte Mays to Everyone
13:38
53 - yes

from Nathan Easley to Everyone
13:44
55 is actually already implemented https://community.esri.com/t5/arcgis-pro-ideas/auto-adjust-attribute-table-column-width-to-fit/idi-p/938300

from INDOT - Kevin Munro to Everyone
13:56

How do we let them know?
from Koschatzky, Ryan J to Everyone
13:58
https://community.esri.com/t5/roads-and-highways-user-group-rhug-questions/rhug-enhancement-list/m-p/1346302
from Kevin Hunt to Everyone
13:58
Is the measure anomoly tool already on ArcGIS Ideas? If not is there a volunteer to get it there? We'll vote on it.
from Kevin Hunt to Everyone
14:00
Thank you Shaun!
from Jay Cary to Everyone
14:00
RE: Display Route Measure Anomalies in ArcGIS Pro (https://community.esri.com/t5/arcgis-pro-ideas/display-route-measure-anomalies-in-arcgis-pro/idi-p/937297)