



Peter Lillie <peter.m.lillie@gmail.com>

Trail Stewards GIS Work

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To: Peter Lillie <peter.m.lillie@gmail.com>

Peter –

Congrats on the new addition to your family! I hope all is well with everyone. I feel bad asking for your time now that I know what you're up against! Those days are LONG behind me, but I remember how hard it was to find time to do anything but the ess

Please don't feel you have to jump in right now. I understand you have more responsibilities that are a priority. So if you can't get together with me for a while, I will completely understand.

On the other hand, if you are looking for a distraction, I'm SO glad to pick your brain. And Monday through Thursday of next week would work for me preferably after 7pm. I would let you choose the time as your duties allow. I'm a night-owl. So it's really r

In order to maximize the value of our call, let me give you a heads-up on what it is I'm looking to try to pull off. Once you understand, you may beg out, and I'm ok with that too. So here goes...

I'm a database guy. I write database applications in MS Access and also program tools in MS Excel and Word that integrate with other data sources like Access and SQL. I'm the guy you call when you want a button to push to replace the work you're doi

Over the years, the LTS has come up with various pockets of data that I think could be represented on a map interface. For instance, we have trail adopters who are responsible for specific trail segments. And those adopters may change over time. And t visualize that information when looking at a city-wide trail map. And if we can do that, then the next step would be to have some user-friendly interface through which that information could be maintained by someone in the LTS. I have attached a PowerP all of this is possible. Software makes ANYTHING possible given enough time and resources. But not knowing what's possible in ArcGIS, or, more specifically, HOW to pull this off in that software is where I am right now.

I know a little bit about the program as I had a subscription for a year to play with it. Without a mentor to go to with questions, I spent far too much time trying to look for the answer on-line. It was a very frustrating exercise that I had to abandon as I have r questions without having to do all the research. Maybe that's you!

Here's what I have to start with -

- all the official ArcGIS files that were used to create all of our trail maps
- a database schema for all the data that LTS would be responsible for maintaining
- an Access database with all the tables we need to get started on at least the Adopters
- a cloud-based SharePoint site with similar data and lookup lists

Here are the topics I am struggling with

Modifying the existing tables in ArcGIS		
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	<div><div><div><div><div><div>OBJECTID</div><div>pkSegmentID</div><div>SHAPE</div><div>TrailName</div><div>AltName</div></div><div>68</div><div>Polyline</div><div>Rec Trails Grant 20</div><div><Null></div></div><div><div><div>SurfaceType</div><div>TrailCondi</div><div>HikeDifficulty</div><div>BlazeColor</div><div>TrailLength</div></div><div>er Truste Pavement</div><div><Null></div><div><Null></div><div><Null></div><div>0.0085</div><div>30.902101</div></div><div><div><div>pkBlazeColorID</div><div>Description</div><div>StartDate</div><div>EndDate</div><div>SortIndex</div></div><div>1</div><div>Blue</div><div>1/1/2000</div><div></div><div>10</div></div></div></div></div> <div><div><div>SurfaceType</div><div>TrailCondi</div><div>HikeDifficulty</div><div>BlazeColor</div><div>TrailLength</div></div><div>er Truste <Null></div><div><Null></div><div><Null></div><div><Null></div><div>0.0098</div><div>24.549915</div></div> <div><div><div>pkBlazeColorID</div><div>Description</div><div>StartDate</div><div>EndDate</div><div>SortIndex</div></div><div>2</div><div>Yellow</div><div>1/1/2000</div><div></div><div>20</div></div>
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SurfaceType

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HikeDifficulty

BlazeColor

TrailLength

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<Null>

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pkBlazeColorID

Description

StartDate

EndDate

SortIndex

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1/1/2000

30

SurfaceType

TrailCondi

HikeDifficulty

BlazeColor

TrailLength

er Truste Pavement

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Description

StartDate

EndDate

SortIndex

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1/1/2000

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SurfaceType

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HikeDifficulty

BlazeColor

TrailLength

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Description

StartDate

EndDate

SortIndex

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Blue Dot

1/1/2000

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BlazeColor

TrailLength

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pkBlazeColorID

Description

StartDate

EndDate

SortIndex

6

Blue Dot

1/1/2000

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BlazeColor

TrailLength

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Description

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EndDate

SortIndex

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Blue Dot

1/1/2000

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SurfaceType

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BlazeColor

TrailLength

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Description

StartDate

EndDate

SortIndex

8

Blue Dot

1/1/2000

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SurfaceType

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HikeDifficulty

BlazeColor

TrailLength

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Description

StartDate

EndDate

SortIndex

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Blue Dot

1/1/2000

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SurfaceType

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HikeDifficulty

BlazeColor

TrailLength

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Easy

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Description

StartDate

EndDate

SortIndex

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Blue Dot

1/1/2000

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SurfaceType

TrailCondi

HikeDifficulty

BlazeColor

TrailLength

er Truste Natural Earth

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pkBlazeColorID

Description

StartDate

EndDate

SortIndex

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Blue Dot

1/1/2000

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SurfaceType

TrailCondi

HikeDifficulty

BlazeColor

TrailLength

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<Null>

0.02

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pkBlazeColorID

Description

StartDate

EndDate

SortIndex

12

Blue Dot

1/1/2000

10

Green column headings are custom fields I would like to add to the native table

If you've read this far, kudos! You should have SOME idea of what I'm hoping to pull off. And you probably have a feel for whether you can help or not. Like I said, if this isn't your skill set, no problem. It was worth asking. And maybe you KNOW someone can help with these topics, then by all means, let's talk (when you have time and energy). There is no rush on this at all. I've been working on this for over a year already. It can wait a little longer.

I'll wait to hear from you either way. Like I said, Monday through Thursday works best for me. I just need to know if you use Teams or not. It's free to download, but it would be nice to know if you already have it.

Thanks for playing along. Looking forward to speaking with you whenever it happens.

Take care,

Rich

[Quoted text hidden]

2 attachments

ItBlazeColors				
pkBlazeColorID	Description	StartDate	EndDate	SortIndex
1	Blue	1/1/2000		30
2	Yellow	1/1/2000		20
3	Orange	1/1/2000		30
4	Red	1/1/2000		40

image003.png
7K

 Exploring GIS Possibilities.pptx
663K