Death, Taxes and Upgrades: How to Survive When the Time Comes

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GIS Coordinator
City of Westminster, Colorado
a journey into the inevitable
DEATH
FROZEN DEAD GUY DAYS
MARCH 10 11 12 2017
NEDERLAND, CO
Nederland, Colorado

Home to Grandpa Bredo Morstoel, more commonly known as "The Frozen Dead Guy."

- Morstoel died on November 6, 1989
- Immediately packed in ice along with cryogenically prepped and frozen
- Son built a disaster proof Tuff Shed where Morstoel has been kept at -109°
- Requires monthly re-packing in dry ice
- FDGD now attracts upwards of 20,000 people and is unlike any other festival anywhere in the country

http://www.legendsofamerica.com/co-frozendeadguy.html
### What Happens at Frozen Dead Guy Days?

<table>
<thead>
<tr>
<th>Event</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>Frozen Dead Poet Slam</td>
<td>Coffin Racing</td>
</tr>
<tr>
<td>Costume Polar Plunging</td>
<td>Parade of Hearses</td>
</tr>
<tr>
<td>Frozen T-shirt Contests</td>
<td>Brain Freeze Contests</td>
</tr>
<tr>
<td>Icy Turkey Bowling</td>
<td>Snowy Human Foosball</td>
</tr>
<tr>
<td>“Grandpa’s in the Tuff Shed” Movie</td>
<td>Ice Queen &amp; Grandpa Costume Contest</td>
</tr>
</tbody>
</table>
TAXES
Never Pay U.S. Income Tax Again

According to the IRS, 4,279 regular Americans *legally* escaped the U.S. income tax in 2016

They're not rich. They're not poor. They're people just like you and me...

For the next three days—I'll show you how to join them. And create a richer life for you and your family this year...

Dear Overly-Taxed American,
The Internal Revenue Service isn't the only tax entity that wants a piece of your paycheck. Most states—41 in all—impose a broad-based individual income tax. Only seven lack an income tax altogether:

- Alaska
- Florida
- Nevada
- South Dakota
- Texas
- Washington
- Wyoming

Two states fall into a gray area. They impose a limited income tax on individuals, taxing only dividend and interest income, not earned income:
Give her the gift of a CollegelInvest 529 savings account.
UPGRADES
## Retirement Anyone?

<table>
<thead>
<tr>
<th>Version</th>
<th>Release Date</th>
<th>General Availability</th>
<th>Extended Support</th>
<th>Mature Support</th>
<th>Retired</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.5</td>
<td>December 15, 2016</td>
<td>Dec 2016 - Nov 2018</td>
<td>Dec 2018 - Nov 2020</td>
<td>Dec 2020 - Nov 2022</td>
<td>December 01, 2222</td>
</tr>
</tbody>
</table>
Depreciated Features for ArcGIS 10.5

Esri recommends customers consider migration to **new mobile applications** such as:

- Collector for ArcGIS
- Survey123 for ArcGIS
- Workforce for ArcGIS
- and Explorer for ArcGIS **now**.
Too Many Dependencies

(or should (you have no control over)

the vendor has to

Address)

Dependences that
When?
Licensing...

I NEED A BUSINESS LOAN.
I BROUGHT COLLATERAL.

I LEFT THREE DEAD MICE ON YOUR CHAIR.
Three Options
Outsource
System Architecture Design

Deliverables:
• Design of the new system
• Planning for future growth
• Documentation of the Design
• Database installation
• Install and configure software
• Restore previous applications
• Documentation and knowledge transfer
• Support
Technical Assistance
With Experienced Guides…

Technical Support...
ESRI White Papers…

Architecting the ArcGIS Platform: Best Practices

http://www.esri.com/~/media/Files/Pdfs/products/arcgis-platform/architecting-the-arcgis-platform
Go It Alone
Know Your System

Hardware
- Mobile
  - Phone
  - Table
  - Laptops
- Desktops
- Servers
- Cloud

Software
- Mobile
  - OS
- Desktops
  - OS
  - Memory
  - Graphics
  - Plugins
  - Software Components
    - SQL Clients
Critical Dependencies

Know your System
Document your System
Contact your vendors

BID/Time Stamper Add-In->

<-Appropriate Payment

https://www.google.com/search?site=&tbm=isch&source=hp&biw=1157&bih=591&q=three+dead+mice&oq=three+dead+mice&gs_l=img.3..0.1748.8594.0.8798.17.16.1.0.0.0.164.1932.0j15.15.0....0...1.1.64.img..1.16.1937...0i24k1j0i10i24k1j0i8i30k1.rQi6OiKsrvA#imgrc=TDZ4_5yDcgnbQM:
Critical Dependencies $$$

GIS Based Storm Water Billing Program
Asset Management System
Building Permit System
Billing Systems
3rd Party Users – Exports and Services
On-line reservation systems
...OTHERS
Project Management Institute Processes

http://www.pmi.org/

What Are the Major Elements of a Project and How Do They Interrelate?

**SCOPE**
- What are we delivering?

**TIME**
- How are we generating the deliverables? How long will it take us to generate them?

**QUALITY**
- To what quality standard or measurement are we developing the deliverable? How good should it be?

**COST**
- Who is needed to complete the project? What other resources do we need? How much do we need of each? How much will they cost?

**RISK**
- How sure or confident are we of the conditions surrounding the project and that we can complete the project according to plan?

Your Mandate

• You DRIVE the project forward
• “WE NEED TO GET THIS DONE”
• You manage multiple deliverables
• You manage Expectations
• You develop the work Breakdown Structure
• You identify the dependencies
• The Discovery Document is a Project in a Project – “What I need to do to find out what I need to do.”
• Stakeholder contacts
Your Action Plan

• Design Document
  -> Deliverables list
  -> Configuration document
  -> Testing Document
    -> Install checklist

• Implementation Plan
  -> Tasks
  -> Issues Log

• Testing and Acceptance
  -> Go Live
  -> Trouble Shooting
    -> Stable and sustainable - testing

• Training

• Stable and sustainable - long term
Preliminary Project Scope Statement

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Dept/Div</th>
<th>Prepared By</th>
<th>Preparation Date</th>
</tr>
</thead>
</table>

**Version History**

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
<th>Comments</th>
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1. Executive Summary

Project Justification
## 2. Objectives

<table>
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<tr>
<th>Business Objective</th>
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<table>
<thead>
<tr>
<th>Project Objective</th>
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### 3. Project Scope

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<th>Includes</th>
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<tr>
<th>Does Not Include</th>
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<thead>
<tr>
<th>Success Criteria</th>
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</table>
# 4. Project Details

<table>
<thead>
<tr>
<th>Estimated Budget</th>
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<table>
<thead>
<tr>
<th>Estimated Schedule</th>
<th>Milestones</th>
<th>Completion Date</th>
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<th>Assumptions</th>
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<tr>
<th>Constraints</th>
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## 5. Approvals

### Project Sponsors

*I approve this project and authorize the project manager to use the resources provided to complete the planning phase of this project.*

<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
<th>Date</th>
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</table>

### Project Manager

*I approve this project and assume the responsibility for managing this project to completion.*

<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
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</table>

### Project Stakeholders

*I approve this project and support its completion.*

<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
<th>Date</th>
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</table>
Dev->Test->Production
--Environments--
Success

The factors that lead to successful projects include:

- Clearly defined goals and objectives
- A well-defined project management process
- A proven set of project management tools
- A clear understanding of the role of project management.
- Clear communication among staff and stakeholders
If this life is driving You to drink,
You sit around and wondering
Just what to think,
Well I got some consolation
I'll give it to you If I might,

Well I don't worry bout a thing
Cause I know nothings gonna’
be alright”
This isn’t the END It is The Beginning of the Beginning…

Dave Murray, GISP
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