Clinton County
GIS Department

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Agenda:

• What is a GIS
• How can I Gain Access to GIS / GIS Data
• Data Viewers
  – ArcReader
  – Google Earth
What is a GIS

It is a computer system by which geographic data can be displayed, queried, or edited.

*Geographic Data* can usually be defined as any information that can be displayed on a map.

A good example is property lines. The term “Tax Map” is used to describe a map that has property lines drawn on it, for taxing purposes.

Another great example is simply roads, usually displayed as line-work, or just a line.

Now we have two ingredients that make up a tax map – **Roads** and **Property Lines**.

These can be displayed in a GIS like layers of a cake.
Sample of a Tax Map

The Old Way

Hand Drawn on Paper, Mylar, Sheepskin, etc.

No “layers” of data; everything is one-dimensional.
Road Map from 1932
Address Map of New Vienna

Addresses written over top of tax map.
The New Way

Aerial Photography  Roads  Property Lines  Contour Lines
ArcReader

FREE GIS DATA VIEWER

HOW CAN I GET IT???

GO TO
WWW.CLINTONCOUNTRYOHGIS.ORG

Click on
ArcReader
Webpage
Follow Directions

The ArcReader Application from ESRI

Installing ArcReader  
Getting a Template File  
What's New in 9.2!

Using Clinton County Data with ArcReader  
Update your Data!  
Learning ArcReader: A Primer for Clinton County GIS Data Users

Installing ArcReader:

THIS PAGE WILL BE UPDATED SOON!!
ArcReader

Data Layers
Added to a View (map)
From a Table of Contents

DATA + APPLICATION = INFORMATION
Data is not Information

...Any More than an Apple Tree full of Apples equals an Apple Pie...

Data must be processed and interpreted to be of any use.
ArcReader!!

Table of Contents

Buttons & Tools

Map View

Pick Up an ArcReader Brochure
Key Points

- Users can only work with the data layers that are in the Table of Contents
- Users cannot edit or change the data in any way

Please REMEMBER

ArcReader: A Query and Viewing Tool Of GIS Data
How Many Tools to Use?

If you are under the impression that there is one universal program that will answer all of your mapping or otherwise....

NO SUCH THING!

AND...

Is It Easy?

If you apply yourself, if you WANT to learn something new, then.....

You Can Do Anything
Happiness Consists Of:

Not Trying to Make Software
Do
Something
It Was Not Designed
To Do
Google Earth

Not a Main - Stream GIS Application

Google Earth is the Coolest of 3D viewers, but buried under that awesome of exteriors it is at it’s core a presentation tool.

It has a lot in common with Adobe Acrobat Reader, the universally accepted document viewer.
Google!

Google Earth
And
Main-Stream
GIS Data
Web Page

Sort of an accompaniment to this presentation.

http://www.clintoncountyohgis.org/LeadershipClinton.htm
Thanks for the Opportunity

TO SPEAK TO YOU TODAY!

GO TO:

www.clintoncountyohgis.org

For More Information!

Hope this was Food for Thought!