

## Re: Coordinate Files

**Source:** <http://www.tech-archive.net/Archive/Visio/microsoft.public.visio.general/2004-07/0228.html>

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Bob,

If you are OK with VBA then this should be easily do-able.

The Page.Drop command requires you to pass the Master, PinX and PinY and returns the dropped shape

The Page.DropMany command requires the same, but organised in arrays, and it returns an array of shape IDs

You will therefore need to:

1. Create a master shape (or use an existing master from an existing stencil)
2. Decide if your ID is going to become:
  - a) The name of the shape (thus you will see it listed in the Drawing Explorer – has to be unique in the page)
  - b) A value in a custom property of the shape (can be seen easier – even if published to web)
  - c) Both a and b – my preferred solution
3. Decide on the scale of your drawing page
4. Decide on the page co-ordinates (PinX & PinY) conversion from your X and Y
5. Write your code

Optional extras:

6. Include Z as another custom property (Again useful for viewing and reporting)
7. Change Z-Order according to Z values (Assume that highest Z should be seen above lower Z – only relevant if any shapes overlap)
8. Add shapes to Z related layers (you can then turn on/off particular layers and thus the visibility of their shapes)

Note that pre-2003 versions of Visio included an Import Flowchart Wizard, which could do most of 1-5 above, if you formatted your list correctly.

"Bob" <Bob@discussions.microsoft.com> wrote in message news:9CBAB30D-3B34-4BAD-8711-1E7DC6446B80@microsoft.com...

> I have a list of about 200 points (ID, X,Y,Z) and want to turn it into a drawing (without the Z values).

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> Does anyone know if Visio can generate a drawing from a coordinate file?

If it can, how do I do it?

>

> *Thanks,*

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> *Bob*