

## Overlapping Points

To display coincident points on a map it may be desirable to disperse the points for cartographic reasons. The following procedure does not move the original points.

- Add point data
- If the data is not in a geodatabase, do so.
  - In **ArcCatalog**, right click - **New** - **Geodatabase** (file or personal)
  - Right click on the new geodatabase and **Import feature class**
- Add the data
- For that data, convert symbology (i.e. points) to representation
  - In Table of Contents, right click on Data - Convert **Symbology to Representation...**
- Open Disperse Markers tool
  - **ArcToolbox** - **Cartography Tools** - **Cartographic Refinement** - **Disperse Markers**
  - Specify the parameters in the dialog box
  - Click on the **Environments...** button
    - Expand the **Cartography settings**
    - Input a value for the Reference Scale. e.g. 10000 if your final map will be displayed at 1:10,000
    - Click **OK**
  - Run the tool

See link for more information:

<http://blogs.esri.com/Support/blogs/mappingcenter/archive/2008/08/01/How-to-scatter-marker-symbols-for-stacked-or-clustered-point-features.aspx>