

Label Parcels with Different Information Based on Specific Criteria

Updated: February 21, 2013

Software: ArcMap 10.0

Background

Different labels can be displayed for parcels based on criteria available in the attribute table. For example:

- Display the short parcel ID only for vacant property, but label with short parcel ID *and* Property Address for parcels where an address has been assigned.
- Small parcels need to be labeled with less information than larger parcels.

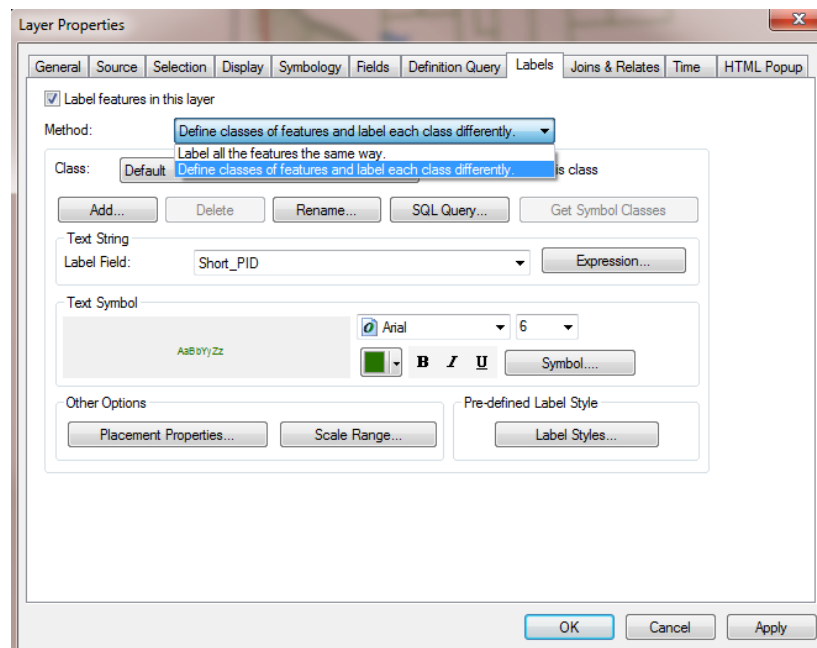
Procedure for Example #1

1. Open **Layer Properties** for the parcel layer

- a. Right-click parcel layer → Layer Properties (or double-click parcel layer)
- b. Click **Labels** tab in the Layer Properties window

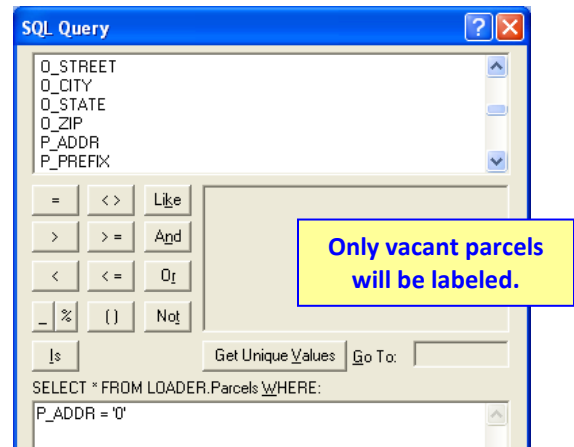
2. Create Label Classes

- a. From the **Method:** drop-down, select **Define classes of features and label each class differently**
- b. Click **Add**
- c. Enter **Vacant** for new label class name
- d. Click **OK**
- e. Click **Add** again
- f. Enter **Not Vacant** for the new label class
- g. Click **OK**



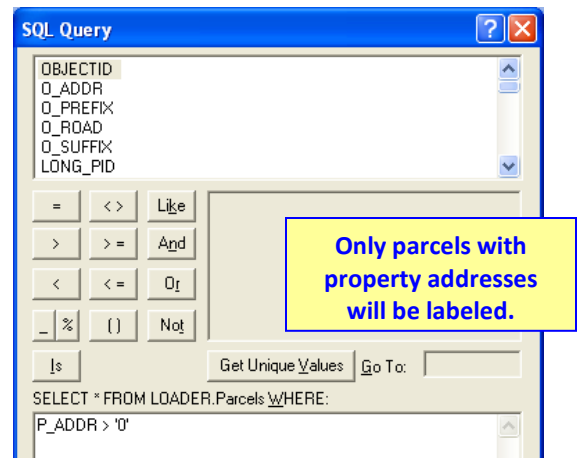
3. Define Label Parameters for Vacant Properties

- a. From the **Class:** drop-down, select **Vacant**
- b. Click **SQL Query...**
 - i. Enter the following parameter:
`P_ADDR = '0'`
- c. Click **OK**
- d. In Layer Properties window, from **Label Field** drop-down select **SHORT_PID**
- e. Select label symbology (color, font, etc) from Text Symbol area
- f. Click **Apply** to view labels on map



4. Define Label Parameters for Parcels with Addresses

- a. From the **Class:** drop-down, select **Not Vacant**
- b. Click **SQL Query...**
 - i. Enter the following parameter:
`P_ADDR > '0'`
- c. Click **OK**
- d. In Layer Properties window, click **Expression...**
 - i. Enter the following label expression:
 1. Highlight text shown in Expression area, then press **Delete** key
 2. Double-click **Short_PID** in Label Fields area
 3. Type `& vbnewline &`
 4. Double-click **P_ADDR** in Label Fields area
 5. Click **Verify** to make sure the expression is correct
 6. Click **OK**
- e. Select label symbology (color, font, etc) from Text Symbol area
- f. Click **Apply** to view labels on map



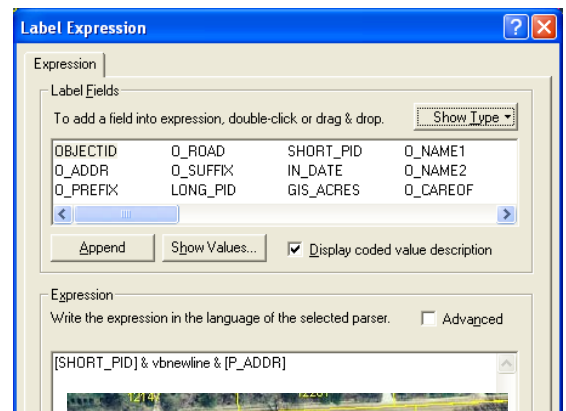
5. Remove Default labels

- a. From From the **Class:** drop-down, select **Default**
- b. Click **Delete**

6. Ensure Labels are Displayed

- a. Check box to label features in this layer

7. Click **OK** to close the Layer Properties window



Procedure for Example #2

1. Open **Layer Properties** for the parcel layer
2. **Create Label Classes**
 - a. From the **Method:** drop-down, select **Define classes of features and label each class differently**
 - b. Click **Add**
 - c. Enter **< 1ac** for new label class name
 - d. Click **OK**
 - e. Click **Add** again
 - f. Enter **> 1ac** for the new label class
 - g. Click **OK**
3. **Define Label Parameters for Vacant Properties**
 - a. From the **Class:** drop-down, select **< 1ac**
 - b. Click **SQL Query...**
 - i. Enter the following parameter: **GIS_Acres <= 1.0**
 - c. Click **OK**
 - d. From **Label Field** drop-down select **SHORT_PID** (or click Expressions to enter a label containing multiple fields)
 - e. Select label symbology (color, font, etc) from Text Symbol area
 - f. Click **Apply** to view labels on map
4. **Define Label Parameters for Parcels with Addresses**
 - a. From the **Class:** drop-down, select **> 1ac**
 - b. Click **SQL Query...**
 - i. Enter the following parameter: **GIS_Acres > 1.0**
 - c. Click **OK**
 - d. In Layer Properties window, click **Expression...**
 - i. Enter the label expression that needs to be displayed
 - e. Select label symbology (color, font, etc) from Text Symbol area
 - f. Click **Apply** to view labels on map
5. **Remove Default labels**
 - a. From the **Class:** drop-down, select **Default**
 - b. Click **Delete**
6. **Ensure Labels are Displayed**
 - a. Check box to label features in this layer
7. Click **OK** to close the Layer Properties window