

How to mass update attributes for a selected group of trees.

For various reasons managers may want to simultaneously update an attribute for many individual trees within a geographic area. For instance within a city park boundary TreeWorks users may want to update the zoning field to read 'public' or 'municipal' to indicate city ownership of certain trees. This process isn't covered under the TreeWorks desktop application so we'll walk through an example of how this can be achieved through ArcGIS.

1. After identifying the area you wish to update, use the 'select features' icon  under the general tools toolbar. With this tool activated drag a box around the trees you wish to select. (Left click and hold to draw a box around a given area).

2. After drawing a box around the sites you wish to update the selected features should appear highlighted in your window.

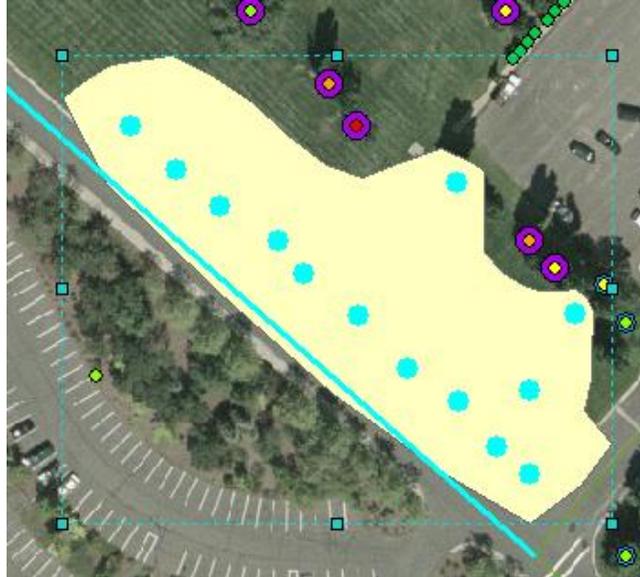


3. Alternatively the drawing tool can be used to more accurately select sites to include in the selection.

4. Activate the **draw polygon tool** from the drawing toolbar.



5. Use your mouse to draw a polygon around the sites you wish to select for our update. Each mouse click adds a vertex to our polygon. Double click your starting point to complete the drawing. Under selection > select by graphics to select the tree sites which are encompassed within our new polygon. **Notice the sites we were able to avoid by using the drawing tool rather than the select attributes square.**



6. With this new selection highlighted **'right-click'** the **TreeSites** feature in your ArcGIS table of contents. Select **'open attribute table'** from the dropdown menu which appears.

Attributes of Tree Sites

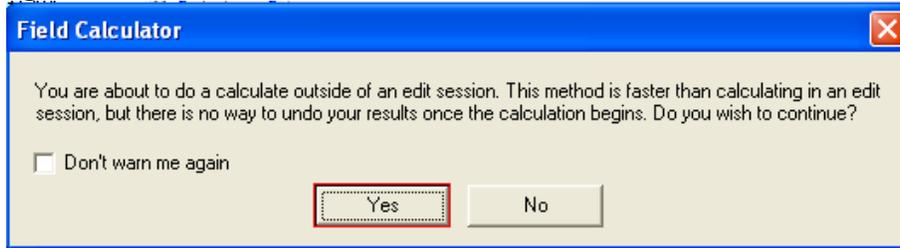
OBJECTID	SHAPE	Site ID	Field ID	Created	Creator	Modified	Modified by	Addr Num	Street	Park Facility	Zone
339	Point	185	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
346	Point	192	<Null>	2/6/2005	tree, arthur	2/6/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
332	Point	178	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
334	Point	180	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
335	Point	181	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
336	Point	182	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
330	Point	176	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
338	Point	184	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
329	Point	175	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
340	Point	186	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
341	Point	187	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
342	Point	188	<Null>	2/6/2005	tree, arthur	2/6/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
343	Point	189	<Null>	2/6/2005	tree, arthur	2/6/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
344	Point	190	<Null>	2/6/2005	tree, arthur	2/6/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
291	Point	159	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
337	Point	183	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
298	Point	167	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
404	Point	228	<Null>	2/6/2005	tree, arthur	2/6/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
293	Point	161	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
294	Point	162	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
295	Point	163	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
296	Point	164	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
331	Point	177	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
298	Point	166	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
347	Point	193	<Null>	2/6/2005	tree, arthur	2/6/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
323	Point	169	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
324	Point	170	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
325	Point	171	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
326	Point	172	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
327	Point	173	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
328	Point	174	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
297	Point	165	<Null>	2/5/2005	tree, arthur	2/5/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>
395	Point	219	<Null>	2/6/2005	tree, arthur	2/6/2005	tree, arthur	<Null>	<Null>	raven hill apts	<Null>

Record: 1 | Show: All Selected | Records (9 out of 268 Selected) | Options

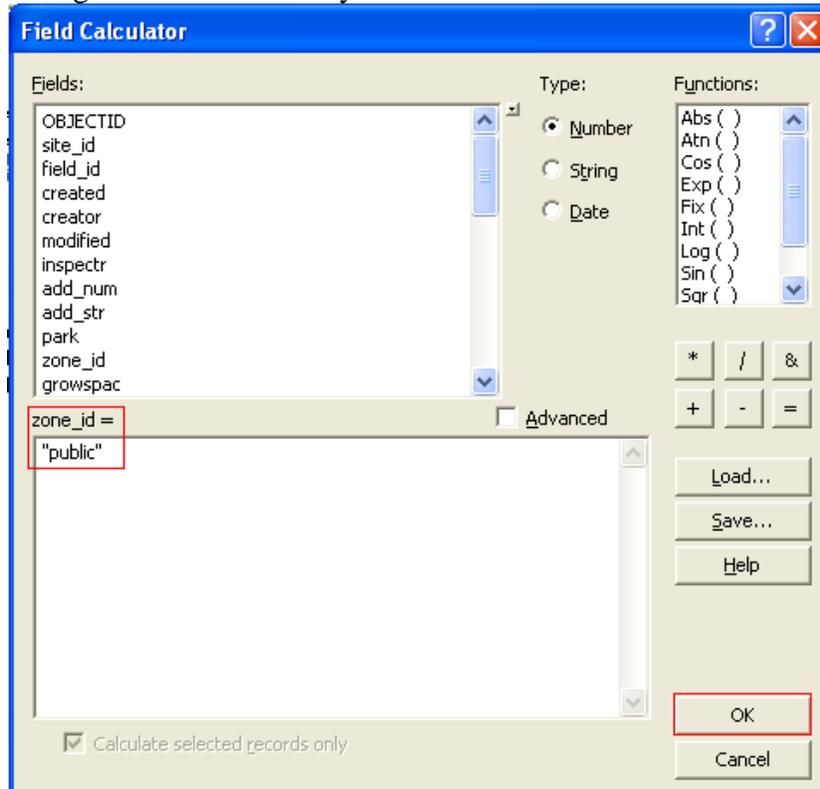
7. To limit our view to only the tree records we selected we'll click **'Selected'** at the bottom of the window.

OBJECTID	SHAPE *	Site ID	Field ID	Created	Creator	Modified	Modified by	Addr Num	Street	Park/Facility	Zone	Growspace	Utilities	Land Use
697	Point	435	<Null>	2/23/2005	tree, arthur	4/13/2006	admin		franklin rd	franklin park	null	open	no overhead lines	business
698	Point	436	<Null>	2/23/2005	tree, arthur	2/23/2005	tree, arthur	<Null>	franklin rd	franklin park	null	open	no overhead lines	business
699	Point	437	<Null>	2/23/2005	tree, arthur	2/23/2005	tree, arthur	<Null>	franklin rd	franklin park	null	open	no overhead lines	business
700	Point	438	<Null>	2/23/2005	tree, arthur	3/12/2008	lockbox, jim		cheshire ave		null	open	no overhead lines	business
701	Point	439	<Null>	2/23/2005	tree, arthur	2/23/2005	tree, arthur	<Null>	cheshire ave	<Null>	null	open	no overhead lines	business
702	Point	440	<Null>	2/23/2005	tree, arthur	11/7/2007	lockbox, jim		cheshire ave		null	open	no overhead lines	business
703	Point	441	<Null>	2/23/2005	tree, arthur	2/23/2005	tree, arthur	<Null>	cheshire ave	<Null>	null	open	no overhead lines	business
704	Point	442	<Null>	2/23/2005	tree, arthur	2/23/2005	tree, arthur	<Null>	cheshire ave	<Null>	null	open	no overhead lines	business
705	Point	443	<Null>	2/23/2005	tree, arthur	2/23/2005	tree, arthur	<Null>	cheshire ave	<Null>	null	open	no overhead lines	business

8. Now **'right-click'** the **'zone'** field and select **'Field Calculator'** from the menu.



9. In the field calculator menu we'll choose to set the zone field of all selected site to **'public'** indicating these trees are a city asset.



Note: This calculation will not process without “quotation marks” around **'public.'**

7. Selecting 'ok' sets the 'zone' field of this attribute to read public. Now we can query our database based on tree ownership data.

OBJECTID	SHAPE *	Site ID	Field ID	Created	Creator	Modified	Modified by	Addr Num	Street	Park/Facility	Zone	Growspace	Utilities	Land Use
697	Point	435	<Null>	2/23/2005	tree, arthur	4/13/2006	admin		franklin rd	franklin park	public	open	no overhead lines	business
698	Point	436	<Null>	2/23/2005	tree, arthur	2/23/2005	tree, arthur	<Null>	franklin rd	franklin park	public	open	no overhead lines	business
699	Point	437	<Null>	2/23/2005	tree, arthur	2/23/2005	tree, arthur	<Null>	franklin rd	franklin park	public	open	no overhead lines	business
700	Point	438	<Null>	2/23/2005	tree, arthur	3/12/2008	lockbox, jim		cheshire ave		public	open	no overhead lines	business
701	Point	439	<Null>	2/23/2005	tree, arthur	2/23/2005	tree, arthur	<Null>	cheshire ave	<Null>	public	open	no overhead lines	business
702	Point	440	<Null>	2/23/2005	tree, arthur	11/7/2007	lockbox, jim		cheshire ave		public	open	no overhead lines	business
703	Point	441	<Null>	2/23/2005	tree, arthur	2/23/2005	tree, arthur	<Null>	cheshire ave	<Null>	public	open	no overhead lines	business
704	Point	442	<Null>	2/23/2005	tree, arthur	2/23/2005	tree, arthur	<Null>	cheshire ave	<Null>	public	open	no overhead lines	business
705	Point	443	<Null>	2/23/2005	tree, arthur	2/23/2005	tree, arthur	<Null>	cheshire ave	<Null>	public	open	no overhead lines	business

This link is a help document published by ESRI outlining how to populate an ascending sequential number field using the field calculator. This may prove useful to some users.
<http://support.esri.com/index.cfm?fa=knowledgebase.techarticles.articleShow&d=31374>

The following document is another ESRI support article which discusses the field calculator in great detail. The summary section may be most useful as an introduction to the field calculator in general.
<http://support.esri.com/index.cfm?fa=knowledgebase.techarticles.articleShow&d=31807>