

Attribute defining row color of overview grid

Any map entity/data record is represented by a corresponding row in the overview grid. The color of the row of a particular entity can be controlled by a user via the value of a specific attribute in the corresponding layer. The value of the attribute can be set either by hand or automatically by a user defined script. The script can either set the value of a required color directly using its red/green/blue components, or the attribute can have a lookup list associated. In this case the lookup list contains a list of predefined colors and the script selects particular color by the ID the color has in the lookup list.

The attribute for controlling the color can be set in Layer Options. Only the attributes of string type having size exactly 11 are listed and can be selected. The value of a color is coded as 'R,G,B' where R,G,B are red, green and blue components respectively. Each of the components can be in range 0 - 255 so the maximal length of the value of this attribute is 11.

For example the value of '44,224,29' will turn the row to appear green.

The screenshot displays the Field-Map Project Manager interface. The 'Layers' panel on the left shows a tree structure with 'Trees_2011 (Trees)' selected. The 'Layer attributes' table lists various attributes for this layer, including 'RGB' which is highlighted in blue. The 'Layer options' panel on the right shows the 'Optional layer label' set to 'Trees' and the 'Attributes defining row color of overview grid' section with 'Attribute: RGB' selected. The 'Attribute definition' dialog box is open, showing the 'RGB' attribute with a value of '43,224,29' and a size of 11. The 'Attribute definition' dialog also shows a list of attributes for the 'Trees' layer, with 'RGB' selected. The 'Attribute definition' dialog also shows a list of attributes for the 'Trees' layer, with 'RGB' selected.

Attribute name	Attribute type	Required	Visible	Label
Species	Cond lookup list (num ID)	Yes	Visible	
DeadTree	Lookup list (numeric ID)	Yes	Visible	Dead tree
Fork	Lookup list (numeric ID)	Yes	Visible	
TreeBreak	Lookup list (numeric ID)	Yes	Visible	Tree break
RemnantTree	Lookup list (numeric ID)	Yes	Visible	Remnant tree
HDBH_m	Number	No	Visible	Height of DBH
DBH1_mm	Number	No	Visible	DBH 1, mm
DBH2_mm	Number	No	Visible	DBH 2, mm
OldID	Number	No	Read-only	Old ID
Subcircle	Number	Yes	Non-visible	Subcircle
RGB	String	Yes	Visible	

Layer options for 'Trees_2011 (Trees)'

Optional layer label: Trees

Editing and mapping options

- Allow data editing
- Allow mapping
- Allow pen mapping
- Allow multi-polygons

Attributes showed in overview table

Attrib. in overview: [Dropdown]

Attributes ordering overview table (ordering index)

Attribute(s): [Dropdown]

Attributes defining unique value combination (unique index)

Attribute(s): [Dropdown]

Attribute defining row color of overview grid

Attribute: RGB

Attribute definition dialog:

On-Change script: [Empty]

Size: 11

Everything (selected)

Upper case on (unselected)

Basic data: DBH-H | Crown projection

DBH,mm: 125

Height, m: [Empty]

Tree length, m: [Empty]

Old DBH: [Empty]

Tree status: ingrowth

Genus: Fagara

Species: spp

Dead tree: living tree

Fork: 1.3 to 7 m

Tree break: no damage

Remnant tree: unrecognizable

Height of DBH, m: 1.3

RGB: 43,224,29

MODE: [Dropdown]

POS: [Dropdown]

Map | Plots | Soil Samples | Trees | Misc. points | Circle centers | Regeneration | Deadwood | Stumps