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Technical Note di TreeMap

Description

This document describes the functionality of the di TreeMap feature in DevInfo 6.0. di TreeMap allows users to display and view data in tree maps to analyze data patterns and relationships. Tree maps display hierarchical, tree-structured data as a set of nested rectangles. Each branch of the tree is depicted by a rectangle, which is then tiled with smaller rectangles representing sub-branches. The area of each rectangle is proportionate to a specified dimension of the data. The branches are colored to show separate data dimensions. When the color and size dimensions are correlated in some way with the tree structure, users may be able to spot patterns that might be difficult to spot in other presentation objects.

As di TreeMap is a web-based application, users can view data displayed for pre-loaded indicators, areas and time periods. Work to enhance di TreeMap and develop a desktop version of the same is scheduled for the future, at which time users will be able to use their own data sets and select their own indicators, areas and time periods.

Step-by-Step Instructions

1. Click the **di TreeMap**  icon on the bottom panel of the DevInfo 6.0 home page to open the di Tree Map application in a web browser.



di TreeMap application

2. Use the box at upper left to select the categorization method. Select either **Agency-Theme-Year** (default) to categorize the data by agency, theme and year or **Theme-Agency-Year** to categorize the data by theme, agency and year.
3. From the **Algorithm** box, select either **squarified** or **alternating** to apply the desired tree map algorithm to the data.
4. From the **Color Scheme** box, select the desired color scheme.
5. From the **Label Threshold** box, select the desired number of thresholds (tree branch levels) for tree map display.
6. From the data legend at the bottom of the application window, view the data values corresponding to each color.