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Technical Note di Analyzer

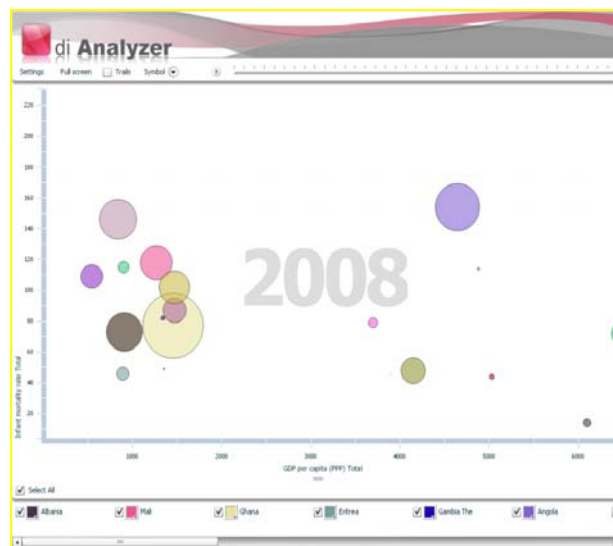
Description

This document describes the functionality of the di Analyzer feature in DevInfo 6.0. di Analyzer allows users to display and view data in scatter plots to analyze changes and trends over time.


di Analyzer is a web-based application powered by DevInfo database technology. Users can view data from DevInfo databases uploaded on the web and optimized for di Analyzer. The optimization process prepares the data for display in scatter plot format.

Step-by-Step Instructions

1. Click the **di Analyzer**  icon on the bottom panel of the DevInfo 6.0 home page to open the di Analyzer application in a web browser. The application displays data in the following dimensions: geographic areas, X-axis data value, Y-axis data value, symbol size and time period. The data are shown in an animated scatter plot. The geographic areas represented by the symbols are shown in the legend at the bottom of the screen. Each geographic area is assigned a default color. The X-axis and Y-axis indicators are shown against each time period. The symbol size is determined by a user-defined indicator.



di Analyzer application

When the application starts, the default scenario is shown from a pre-selected set of selections. The time bar progresses through the animation from the first to the last and then the animation stops. To run the animated scatter plot again, click the  arrow to the left of the timeline located above the scatter plot. Click it again to pause the application to view data for a particular time period. While the application is paused, move the mouse pointer over any scatter to open a window containing its data details or drag the timeline slider to a particular time period to generate a data view for that time period.



2. Click **Settings** to change the default selections for the database, areas, X-axis, Y-axis and symbol.
 - a. Click the **Database** tab to select the database of indicators available for each dimension of the scatter plot. (To upload and view your own database, click **Upload Database** to send your database to the Helpdesk to be optimized and uploaded.)
 - b. Click the **Areas** tab to select the areas for which you wish to view data.
 - c. Click the **X-Axis** and **Y-Axis** tabs to select the indicators for these dimensions of the scatter plot.
 - d. Click the **Symbol** tab to select the indicator for this dimension of the scatter plot. This indicator will determine the relative size of the symbol plotted. Click on the symbol to be used to display data and adjust the absolute symbol size and transparency.
 - e. Click **Save As** to save your settings as a new scenario.
 - f. Click **Settings** again to return to the main application.
3. Click **Full Screen** to view the application in full screen.
4. Select the **Trails** check box to view the data trend trails over time.
5. Click **Symbol** to display the same menu available in the **Symbol** tab under **Settings**, in order to select the desired symbol used to display data and to adjust the absolute symbol size and transparency.
6. In the area legend below the scatter plot, select or clear the areas for which you wish to view data. You can also customize the area colors by clicking the color box next to any area name to open a color palette window, from where you can select the desired color.