



# How to create a new Report based on Transformed data

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## Contact Details

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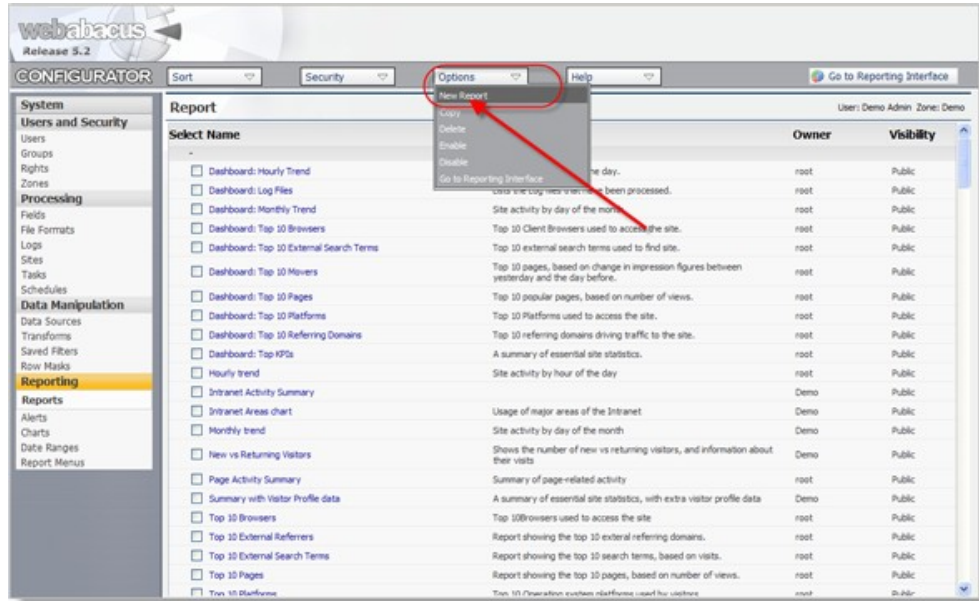
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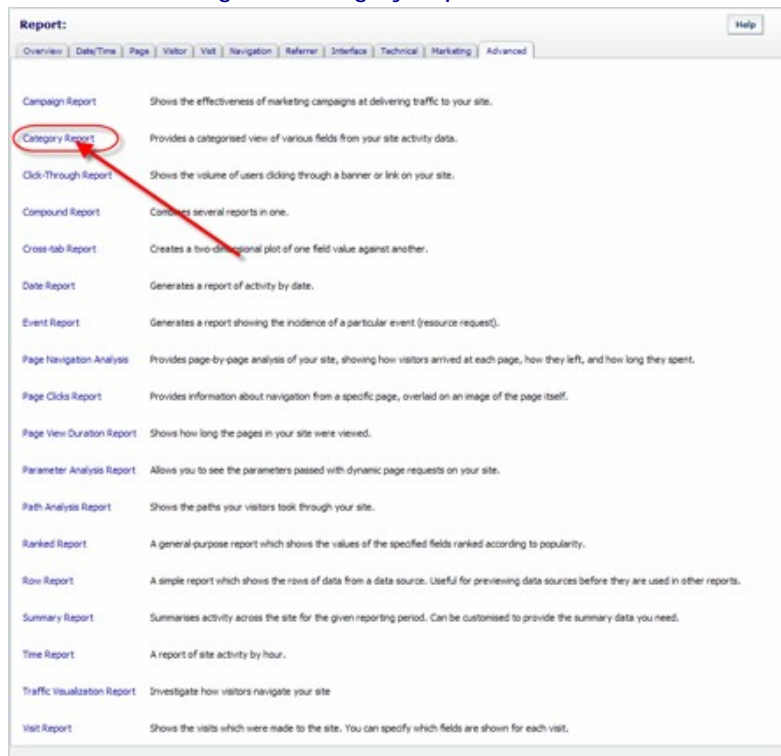
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# Introduction

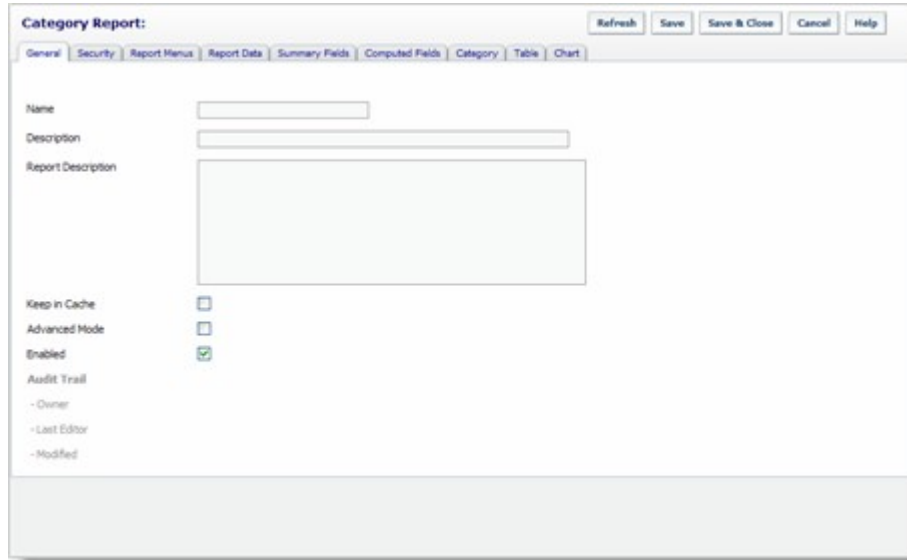
1. Create a new report (e.g. a Category report), if you've not already done so.
  - a. Within the WebAbacus Configurator, ensure that you are in the 'Reporting > Reports' list, and click on the 'Options' button, followed by 'New Report'.



- b. The 'New Report' wizard will open in a new window. Partially completed reports can be found within the various tabs. Blank report templates can be found on the 'Advanced' tab, e.g. the 'Category Report'.

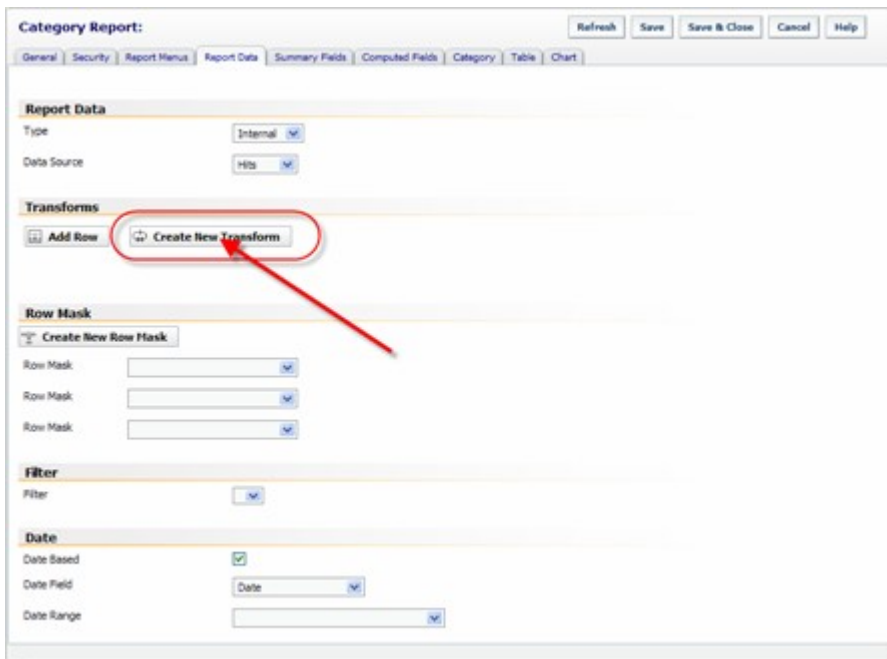


- c. The selected report will now open, for example the 'Category Report' shown below. Give your report a meaningful 'Name', 'Description', and 'Report Description'.



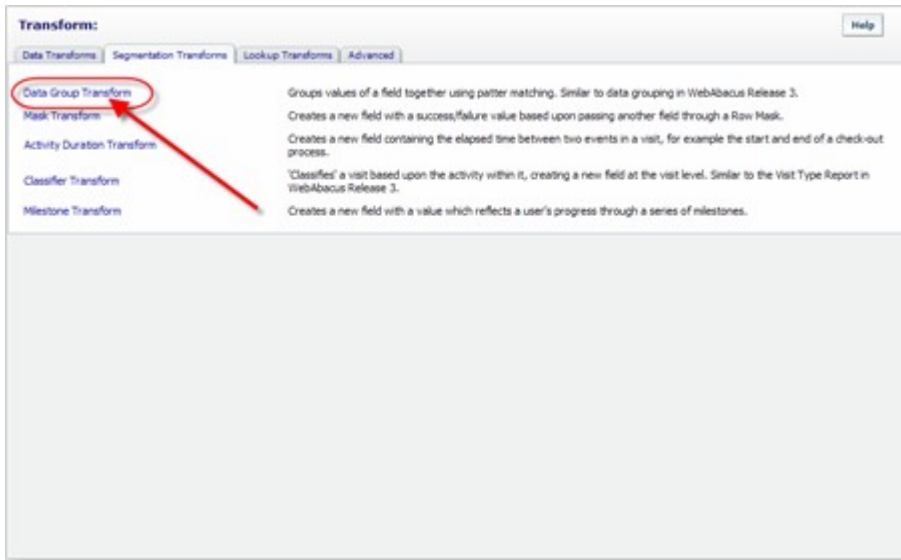
The screenshot shows the 'Category Report' configuration window with the 'General' tab selected. The window has a title bar with 'Category Report:' and buttons for 'Refresh', 'Save', 'Save & Close', 'Cancel', and 'Help'. Below the title bar are tabs for 'General', 'Security', 'Report Menu', 'Report Data', 'Summary Fields', 'Computed Fields', 'Category', 'Table', and 'Chart'. The main area contains fields for 'Name', 'Description', and 'Report Description'. Below these are checkboxes for 'Keep in Cache', 'Advanced Mode', and 'Enabled' (which is checked). There is also an 'Audit Trail' section with sub-sections for '- Owner', '- Last Editor', and '- Modified'.

2. On the 'Report Data' tab, click on the 'Create New Transform' button, which will open the Transform wizard.

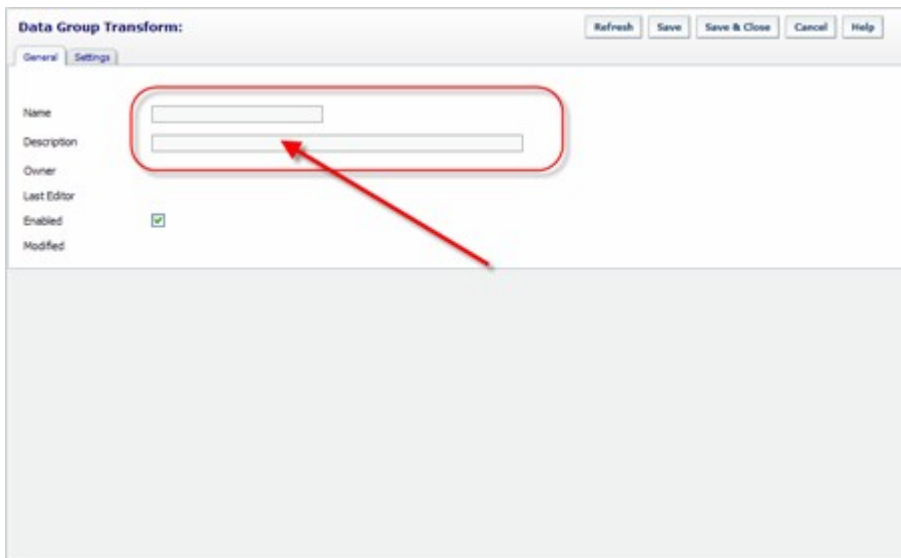


The screenshot shows the 'Category Report' configuration window with the 'Report Data' tab selected. The window has a title bar with 'Category Report:' and buttons for 'Refresh', 'Save', 'Save & Close', 'Cancel', and 'Help'. Below the title bar are tabs for 'General', 'Security', 'Report Menu', 'Report Data', 'Summary Fields', 'Computed Fields', 'Category', 'Table', and 'Chart'. The main area is divided into sections: 'Report Data' with 'Type' (Internal) and 'Data Source' (HIS) dropdowns; 'Transforms' with an 'Add Row' button and a 'Create New Transform' button circled in red with a red arrow pointing to it; 'Row Mask' with a 'Create New Row Mask' button and three 'Row Mask' dropdowns; 'Filter' with a 'Filter' dropdown; and 'Date' with 'Date Based' (checked), 'Date Field' (Date), and 'Date Range' dropdowns.

3. Click on the 'Segmentation Transforms' tab, and click on the 'Data Group Transform', will open in the window,

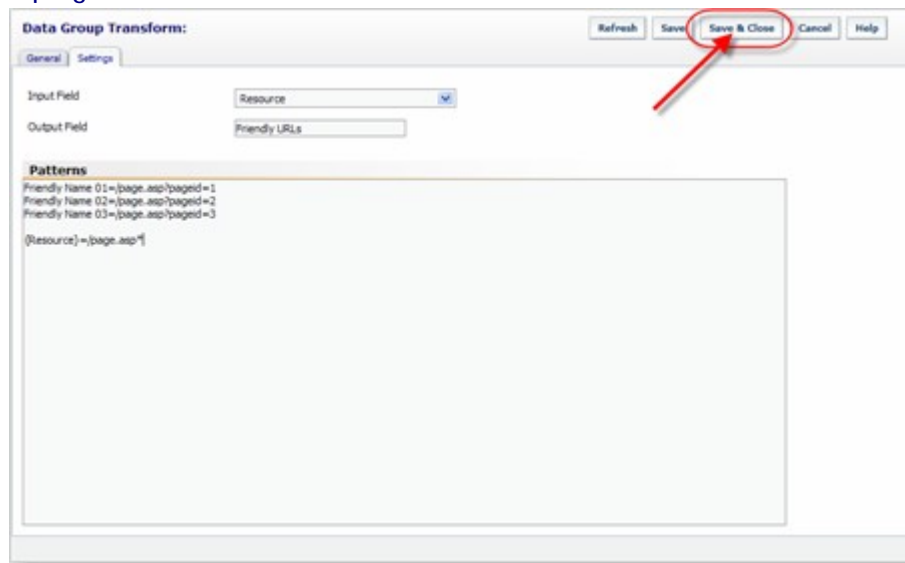


4. On the 'General' tab, give your transform a meaningful name and description, as you'll need to find it later.



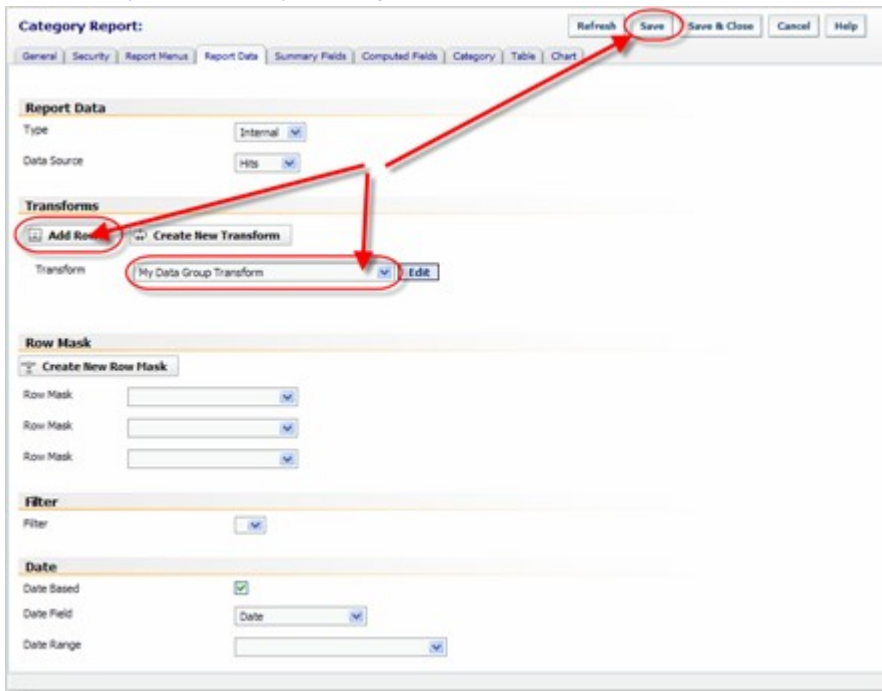
5. Now click on the 'Settings' tab
  - a. Select the 'Resource' field as your input and, if needed, type the name of the output field (which will be displayed in the report). If you leave this blank, the output field will be the name of the Data Group Transform.
  - b. Next, use the 'Patterns' section to enter your data groupings. The Data Group works from the top downwards, therefore start with specific matches, and end with more general.
    - i. For example:
      - Page 01=/mypage/page.asp?id=1
      - Page 02=/mypage/page.asp?id=1
      - Other Pages=/mypage/page.asp\*
      - Other=\*
    - ii. You can also set the output field to contain the actual resources themselves, with no match is found, by entering the 'Input' field as the label. For example {Resource}=\*

- c. Once you have added in your patterns, click on the 'Save & Close' button, on the top-right.



6. Once your transform has been created, you'll need to add it into you report. Back, within the reports 'Report Data' tab, click on the 'Add rows' button, and select your newly created transform from the list, which is ordered alphabetically ('123#\$' then 'A-Z', and then 'a-z').

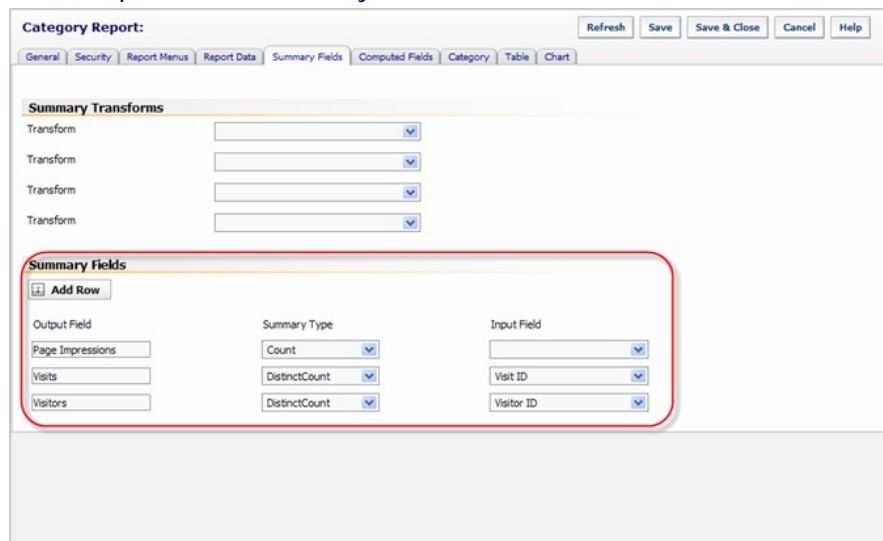
7. Now save you report, by clicking on the 'Save' button.



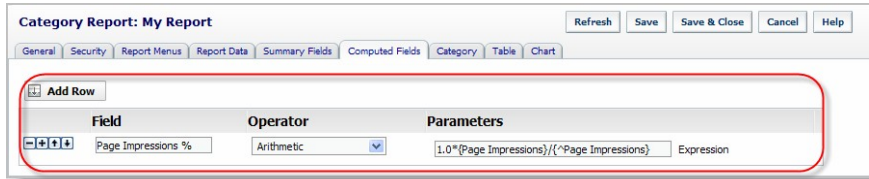
8. Before moving forwards, make sure that you've added your report, to at least one report menu.

9. Now that the transform has been added into your report, you will need to configure how the data is treated. Typically, you will be looking to show traffic to the various outputs from the transform, or some other form of summarised information. You can use the 'Summary Field' and 'Computed Fields' tabs to create columns of calculations.

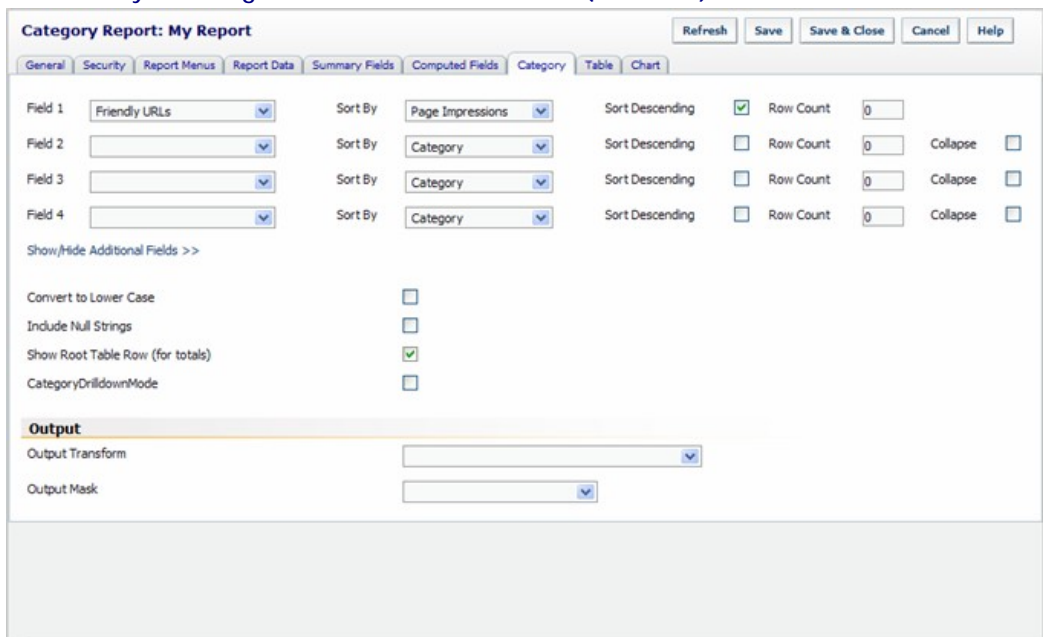
a. For example, on the 'Summary Fields' tabs:



- b. For example, on the 'Computed Fields' tabs:



- c. Once you have created your columns of data, click on the 'Save' button.
- d. You will now have to create the categorisation of the data. Click on the 'Category' tab, and for the 'Field 1' drop-down, select the output from your transform, which will be shown as the bottom of the list.
- e. You can then choose how the data should be sorted, based on the fields you created on the 'Summary Fields' and 'Computed Fields' tabs. Remember to check the 'Sort Descending' option to have the sorting from high numbers to low numbers.
- f. You may also wish to add a total row to the bottom of the report, which can be achieved by checking the 'Show Root Table Row (for totals)'.



- g. Future modifications can be made to the report, on the 'Table' tab, which will allow you to configure how many rows are shown, as well as the desired location if the report is filtered.
- h. For more information, please consult the 'WebAbacus User Guide', or contact Foviance Support:
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