



How to track visitor location in WebAbacus

Sean Burton
Technical Consultant



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Contact Details

If you have any queries regarding this document please contact:

Sean Burton

Foviance
14 Bonhill Street
London
EC2A 4BX

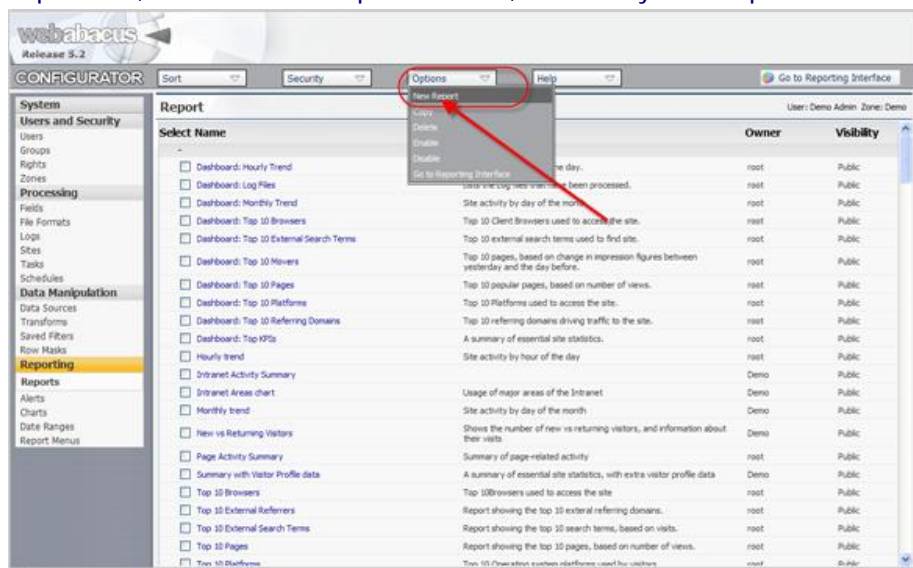
Telephone: +44 (0) 845 0546 563

Fax: +44 (0) 845 0546 501

Email: sean.burton@foviance.com

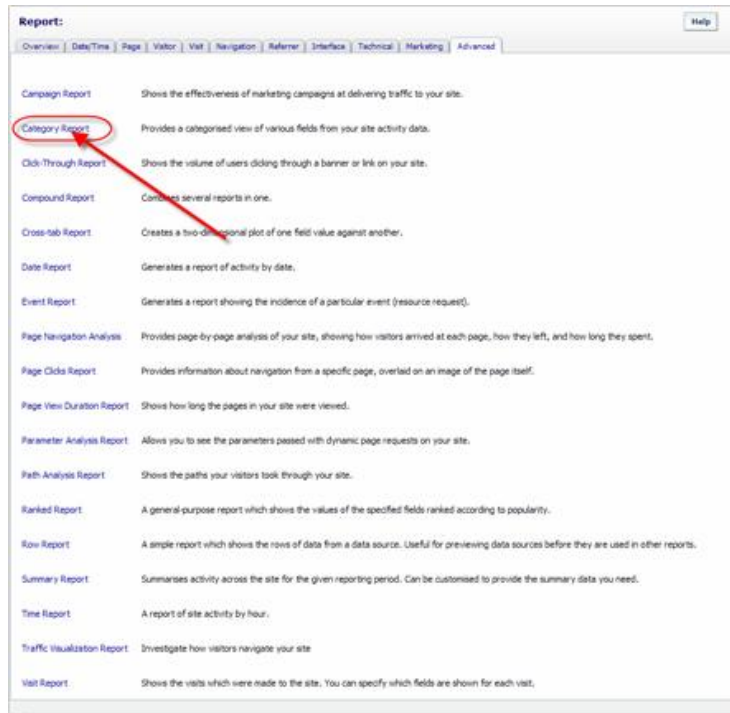
Introduction

1. Before you begin, you will need to download a geo-location database in binary format, such as the free 'GeoLite City' provided by Maxmind.
2. Download the '<http://www.maxmind.com/download/geoip/database/GeoLiteCity.dat.gz>' file and extract the GeoLiteCity.dat file into a location accessible by WebAbacus, such as the 'extras' folder within the 'default' folder in the WebAbacus installation folder.
3. 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'.

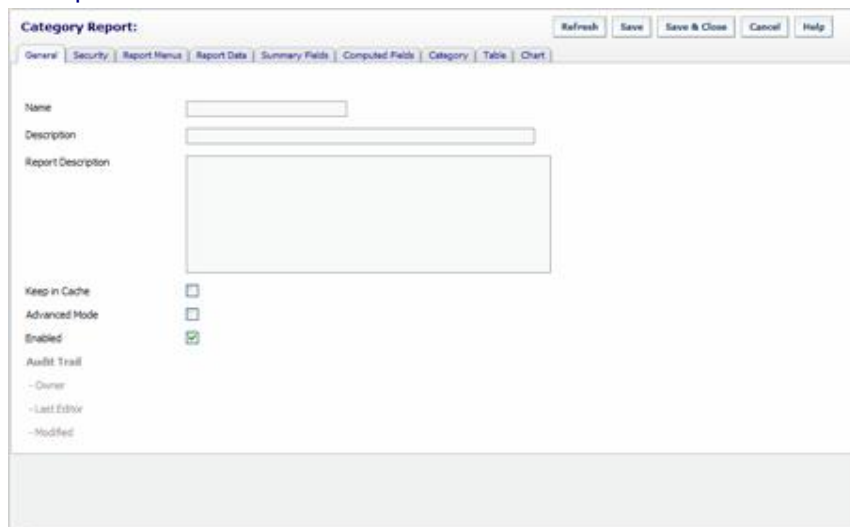


- b. The 'New Report' wizard will open in a new window. Partially completed reports can be found within the various tabs. Blank report templates can be found on the

'Advanced' tab, e.g. the 'Category Report'.



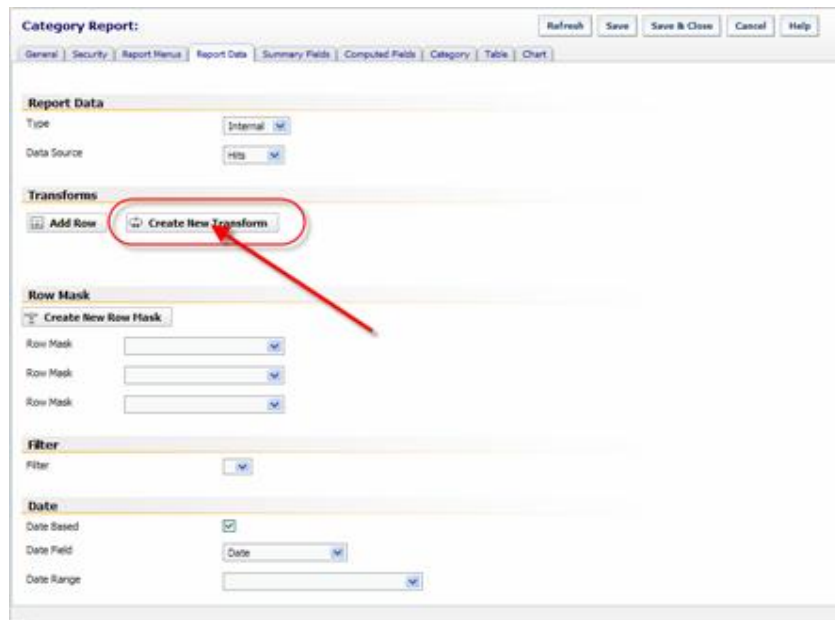
- c. The selected report will now open, for example the 'Category Report' shown below. Give your report a meaningful 'Name', 'Description', and 'Report Description'.



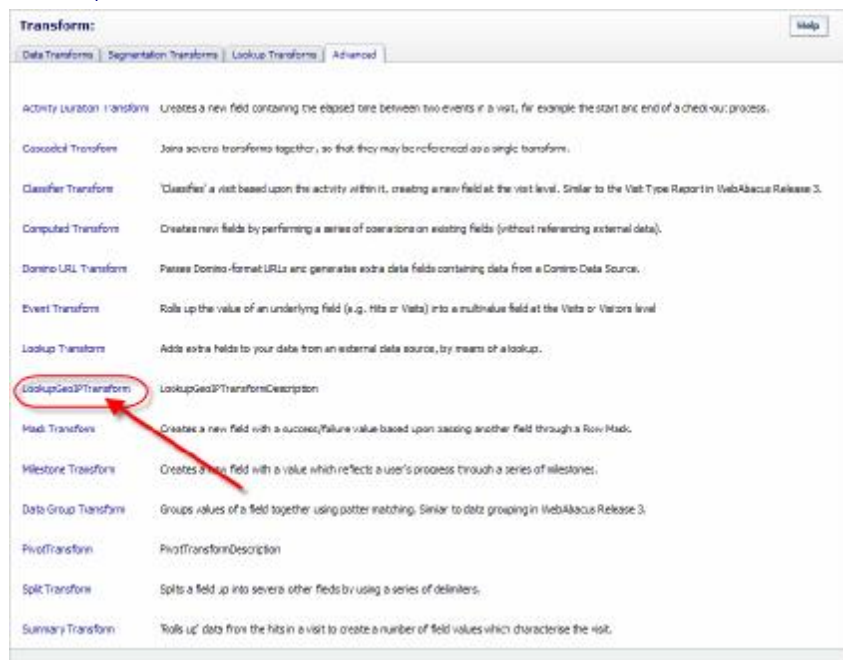
The screenshot shows the 'Category Report:' configuration window. At the top right are buttons for 'Refresh', 'Save', 'Save & Close', 'Cancel', and 'Help'. Below the title bar are tabs for 'General', 'Security', 'Report Menu', 'Report Data', 'Summary Fields', 'Computed Fields', 'Category', 'Table', and 'Chart'. The 'General' tab is active. The form contains the following fields and options:

- Name:
- Description:
- Report Description:
- Keep in Cache:
- Advanced Mode:
- Enabled:
- Audit Trail:
- Owner:
- Last Editor:
- Modified:

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

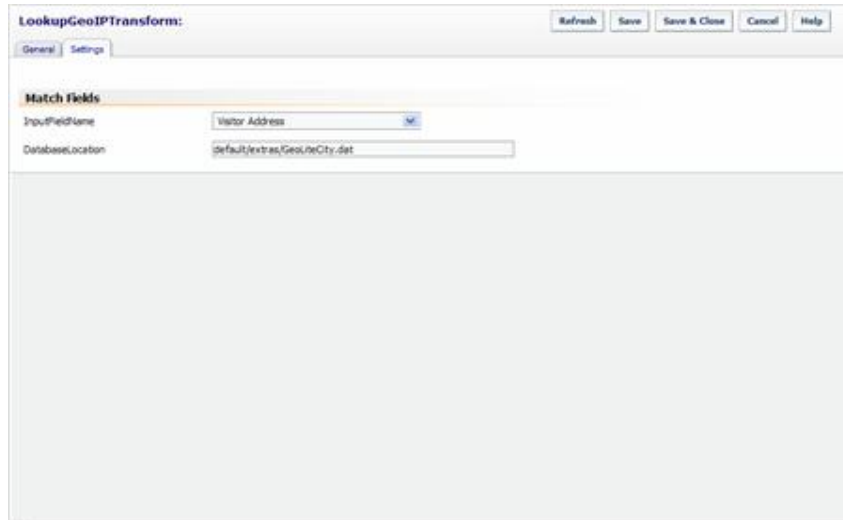


- Click on the 'Advanced' tab, and click on the 'LookupGeoIPTransform', will open in the window,

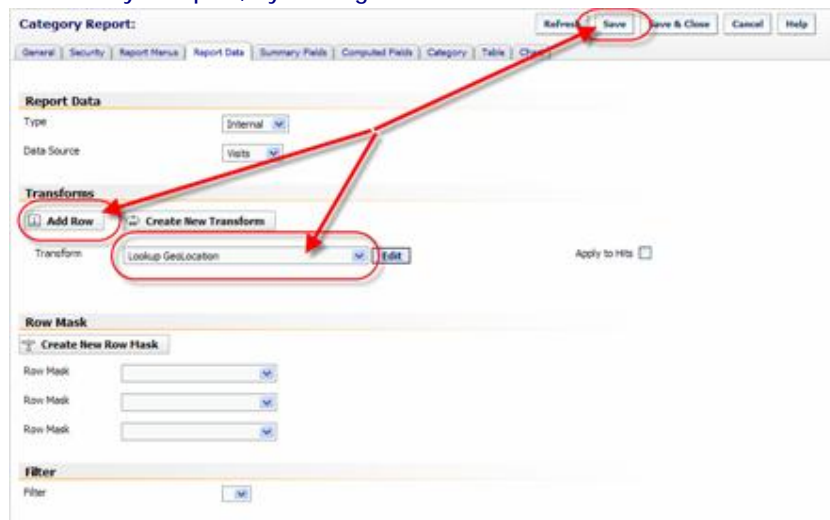


- On the 'General' tab, give your transform a meaningful name and description, as you'll need to find it later.

7. Now click on the 'Settings' tab
 - a. Under the 'InputFieldName' select 'Visitor Address'
 - b. Under the 'DatabaseLocation' select the location of the Maxmind geo-database that you downloaded in step 2, as shown below:



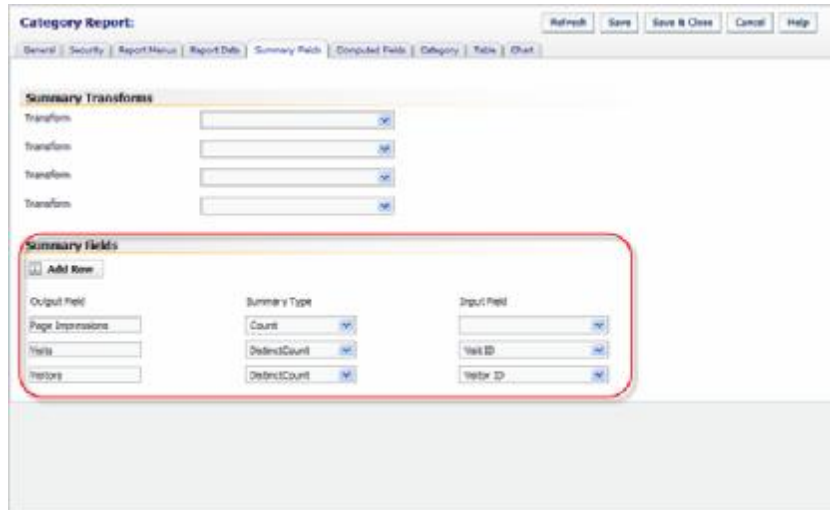
8. Once your transform has been created, you'll need to add it into your report. Back, within the reports 'Report Data' tab, click on the 'Add rows' button, and select your newly created transform from the list, which is ordered alphabetically ('123#\$' then 'A-Z', and then 'a-z').
9. Now save your report,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



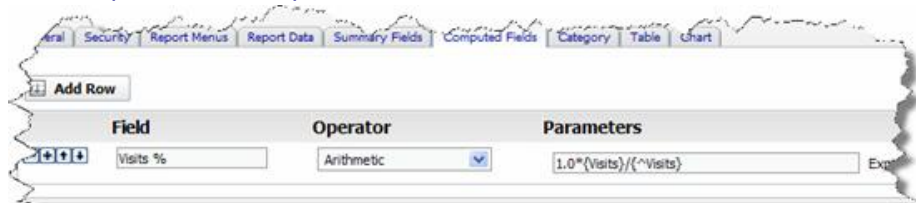
10. Before moving forwards, make sure that you've added your report, to at least one report menu.
11. Now that the transform has been added into your report, you will need to configure how the data is treated. Typically, you will be looking to show traffic to the various outputs

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:

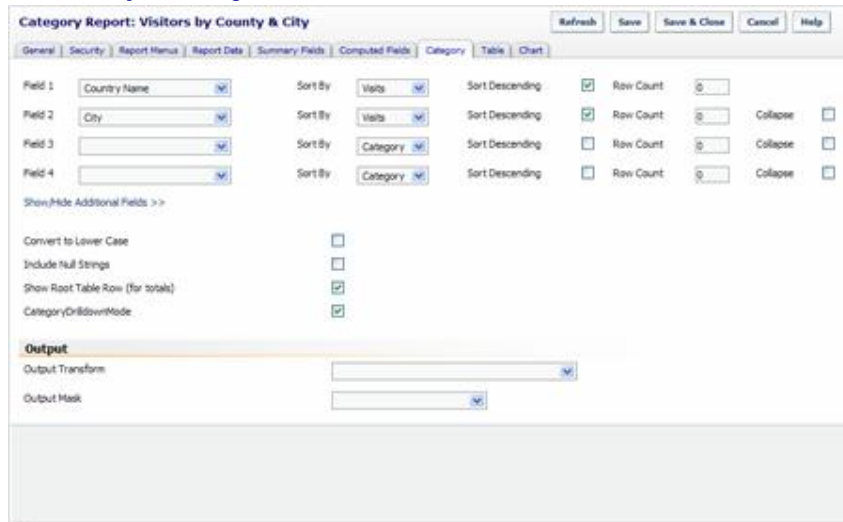


- b. For example, on the 'Computed Fields' tabs:



- 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. For the Minxmind database, we would recommend using 'Country' for Field 1, and 'City' for Field 2.
- e. You can then chose 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)'.



Category Report: Visitors by County & City

Refresh Save Save & Close Cancel Help

General Security Report Menu Report Data Summary Fields Computed Fields **Category** Table Chart

Field	Field Name	Sort By	Sort Descending	Row Count	Collapse
Field 1	Country Name	Visits	<input checked="" type="checkbox"/>	0	<input type="checkbox"/>
Field 2	City	Visits	<input checked="" type="checkbox"/>	0	<input type="checkbox"/>
Field 3		Category	<input type="checkbox"/>	0	<input type="checkbox"/>
Field 4		Category	<input type="checkbox"/>	0	<input type="checkbox"/>

Show/Hide Additional Fields >>

Convert to Lower Case

Include Null Strings

Show Root Table Row (for totals)

Category Drilldown Mode

Output

Output Transform: [Dropdown]

Output Mask: [Dropdown]

- 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:
- i. Email: helpdesk@foviance.com
 - ii. Tel: +44 (0)845 054 6566