

## **GENESYS**

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## Genesys Knowledge Management User Guide

Reporting on the Ratings

## Reporting on the Ratings

This topic describes part of the functionality of Genesys Content Analyzer.

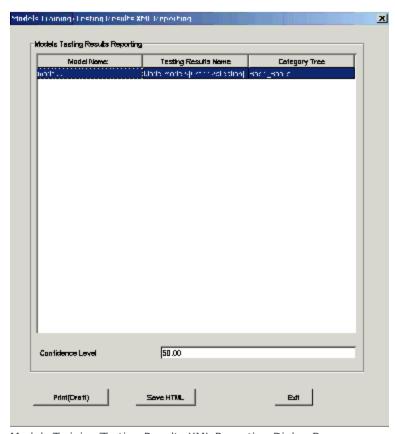
You can produce a report on the ratings of a model, either by directly printing it or by generating an HTML file. To obtain a report, first select a model's ratings node to display the ratings. Then do one of the following.

- Print directly:
- a. On the right-hand pane, right-click and select Print.
- b. Proceed through Page setup and Print dialog boxes.
  This report contains the figures from the Average Results and Correct in Top N tabs.
- Use the following procedure to produce an HTML file.

## Procedure: Producing an HTML Report on Ratings

1. On the left-hand pane, right-click and select Print XML Report.

The Models Training/Testing Results XML Reporting dialog appears, as shown in "Models Training/Testing Results XML Reporting Dialog Box."



Models Training/Testing Results XML Reporting Dialog Box

- Select the model(s) that you want to report on.
- Set a confidence level. This determines the way that results by category are displayed in the report; for details, see Item "5. "Results for Categories," below.
- Do one of the following:
  - Click Print(Draft). This produces a printout of the HTML file.
  - Click Save HTML, then choose a filename and location for the report.

The resulting report has the following structure:

- 1. Introductory material, including definitions of precision, recall, and an additional measure called F1, which is a kind of averaging (more precisely, the harmonic mean) of precision and recall.
- 2. Model name and information, as it appears when you select the model on the Models subtab.
- 3. Microaverage Table, which reproduces the statistics from the Average Results subtab.
- Correct category In Top N Categories, which reproduces the statistics from the Correct in Top N subtab.
- 5. Results for Categories, which reproduces the statistics from the Results by Category subtab. It does this by listing the following for each category:
  - Name

- Precision at the confidence level that you set when producing the report.
- Recall at the confidence level that you set when producing the report.
- F1 averaging for the precision and recall in the preceding two items.
- The top two categories likely to be confused with this category, with their confusion ratings.