- Additional process variables were added to the Excel and SPSS files. These include, among others, the name and location of the file used in the analysis and the selection criteria, if any.

- All the analyses now have the option to manually subset the data used for the analysis. By using the "SELVAR" and "SELCRIT" parameters in the macros produced by the IDB Analyzer, the user can conduct analysis using only a subset of the data. For example, by setting "SELVAR = YEAR/" and "SELCRIT = year = 1990/" a user can conduct the analysis only with those cases for which the variable year equals 1990[11]. Please note that when using a selection criteria, the program still needs to read through the entire file to search for the records that meet the selection criteria, so the gain in processing speed will depend on the size of the file that contains all the cases.

- As of 2016, PIRLS and TIMSS will be calculating the standard errors using the "FULL" method. This change will apply retroactively to all PIRLS and TIMSS cycles. For more information about this, please refer to the Appendix of this Help Manual.

- Starting with PISA 2015, 10 plausible values will be used in the analysis of PISA data. The IDB Analyzer is configured to let the user choose which cycle of the survey is being analyzed and uses the corresponding number of plausible values.

- It is configured to analyze the U.S.-NAEP assessment data.

- New in 2016, the statistics types "Percentages and Means" and "Benchmarks" automatically compute t-statistics for the mean and percent group differences. More information about this calculation is presented in the corresponding description of the procedure.

All other existing functionality available in Version 3.1 has been preserved in Version 3.2.

Installing the IDB Analyzer (Version 3.2)

A current version of the IDB Analyzer is available free of charge from the IEA website (http://www.iea.nl/data.html, see Figure 2[12]). The size of the setup file is over 20MB. Additionally, the IDB Analyzer is also available bundled together with the most recent IEA databases distributed on CD of DVD.

To install the IDB Analyzer on your computer you will need to take the following steps:

1. Uninstall any previously installed versions of the IDB Analyzer.

2. Download or copy the installation file to a directory of your choice

3. Double click on the IDB Analyzer installation file to start the installation process.

4. When installing the IDB Analyzer you will be prompted to select the language that you would like to use during the installation, you will be asked to accept the licensing agreement and to specify the destination folder where you want to install the application. We recommend you choose the default directory for the installation, suggested by the IDB Analyzer setup:

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[11] When selecting using string/text variables, you will need to enclose values in single quotes ('). Double quotes will cause an error in processing.

[12] Actual look of this web page might have changed after the publication of this Help Manual.