

## WHAT'S NEW IN ANALYZER VERSION 6.10

Version 6.10 of Analyzer features numerous innovative and useful enhancements, including:

### Installation

#### **SILENT INSTALL**

For sites that have a large number of users, we now support using MSI install so multiple users can automatically have the software installed at one time.

#### **MULTI-LANGUAGE INSTALL**

The new install supports choosing all available languages supported by Analyzer and the activation code supports using any language; previously activation codes were language-based.

#### **AUTO-DEACTIVATION**

Uninstalling the software will release the activation from the Arbutus database so the software can be installed on a new machine without intervention from Arbutus.

### Commands

#### **SORT NOW SUPPORTS RAM > 4GB**

We now support utilizing more than the 4GB maximum RAM that handicaps 32-bit applications so you can now utilize more of the available RAM on your computer, improving the speed of sorting large files.

#### **EXPORT TO EXCEL USING OPENEXCEL**

Importing and Exporting to/from Excel no longer will default to using 32-bit ODBC. This new method of getting data into Analyzer from Excel and to Excel from Analyzer improves issues encountered with ODBC such as: records with disparate data types, data in records lower in the file that are longer than 255, inability to handle various field names and the annoying blank Sheet1 created when exporting to XLSX file types.

#### **EXPORT TO JSON**

We now support exporting data to Java Script Object Notation for use by other applications/users.

#### **RELATIONS WARNS IF KEY LENGTHS DIFFER**

We now warn if the parent and child keys differ. We don't force the keys to be the same, the parent key can still be shorter than the child key, but we certainly suggest that they should be the same length so you don't get unexpected results.

## Log File

### SAVE THE LOG TO HTML

For users who want to print tabular data and retain the look/feel and also for those who require that the log be saved as a PDF, we now support the ability to save the log file as an HTML file and then you can print the results to a PDF or create a hard copy for non-Analyzer users.

## New Functions

### REGEXFIND()

This has been added to be compatible with any old ACL scripts.

### REGEXREPLACE()

This has been added to be compatible with any old ACL scripts.

### WORKDAY()

This function allows the user to determine whether a particular date is a “work day” or not.

### UNICODE()

This function allows an easy method for converting ASCII values into Unicode format for use when appending data.

## Improved Functions

### DOW()

This function now returns a 0 for any blank dates encountered versus returning “1”.

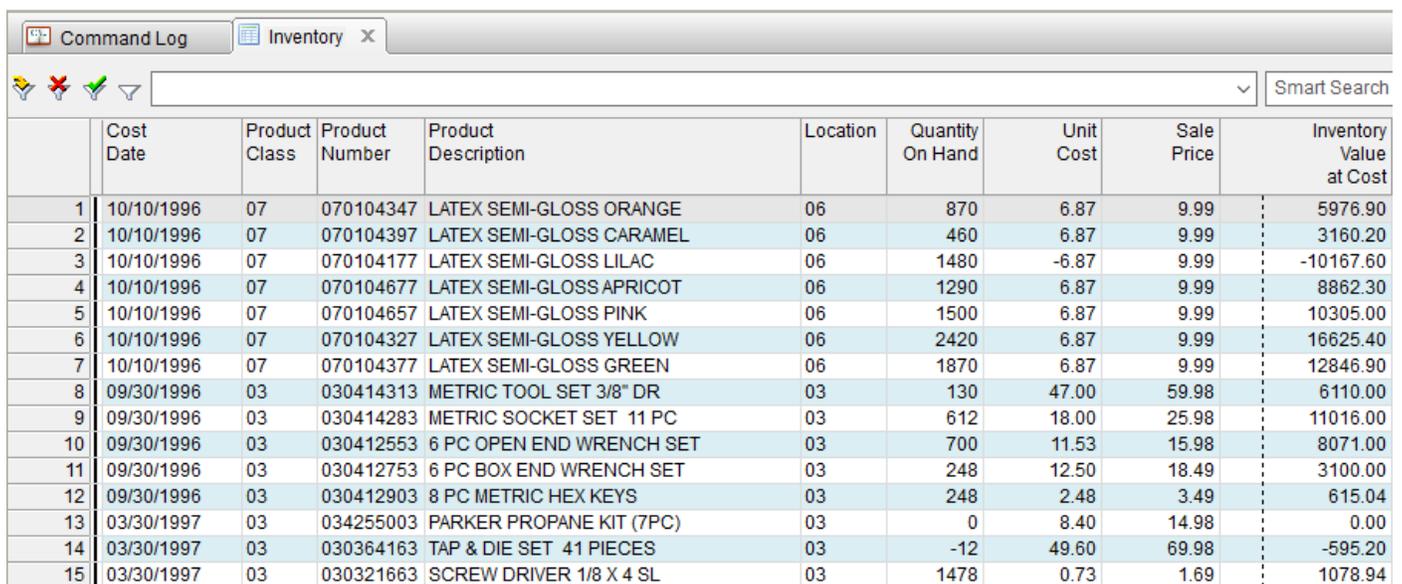
### COW()

This function now returns a blank for any blank dates encountered versus returning “Sunday”.

## View

### ALTERNATE ROW SHADING

Like Excel, you can now have various rows shaded to be a different color to add some visual context to your data:



The screenshot shows a software window titled "Inventory" with a "Smart Search" field. Below the search field is a table with 15 rows of inventory data. The rows alternate between a light blue background and a white background. The table columns are: Cost Date, Product Class, Product Number, Product Description, Location, Quantity On Hand, Unit Cost, Sale Price, and Inventory Value at Cost.

	Cost Date	Product Class	Product Number	Product Description	Location	Quantity On Hand	Unit Cost	Sale Price	Inventory Value at Cost
1	10/10/1996	07	070104347	LATEX SEMI-GLOSS ORANGE	06	870	6.87	9.99	5976.90
2	10/10/1996	07	070104397	LATEX SEMI-GLOSS CARAMEL	06	460	6.87	9.99	3160.20
3	10/10/1996	07	070104177	LATEX SEMI-GLOSS LILAC	06	1480	-6.87	9.99	-10167.60
4	10/10/1996	07	070104677	LATEX SEMI-GLOSS APRICOT	06	1290	6.87	9.99	8862.30
5	10/10/1996	07	070104657	LATEX SEMI-GLOSS PINK	06	1500	6.87	9.99	10305.00
6	10/10/1996	07	070104327	LATEX SEMI-GLOSS YELLOW	06	2420	6.87	9.99	16625.40
7	10/10/1996	07	070104377	LATEX SEMI-GLOSS GREEN	06	1870	6.87	9.99	12846.90
8	09/30/1996	03	030414313	METRIC TOOL SET 3/8" DR	03	130	47.00	59.98	6110.00
9	09/30/1996	03	030414283	METRIC SOCKET SET 11 PC	03	612	18.00	25.98	11016.00
10	09/30/1996	03	030412553	6 PC OPEN END WRENCH SET	03	700	11.53	15.98	8071.00
11	09/30/1996	03	030412753	6 PC BOX END WRENCH SET	03	248	12.50	18.49	3100.00
12	09/30/1996	03	030412903	8 PC METRIC HEX KEYS	03	248	2.48	3.49	615.04
13	03/30/1997	03	034255003	PARKER PROPANE KIT (7PC)	03	0	8.40	14.98	0.00
14	03/30/1997	03	030364163	TAP & DIE SET 41 PIECES	03	-12	49.60	69.98	-595.20
15	03/30/1997	03	030321663	SCREW DRIVER 1/8 X 4 SL	03	1478	0.73	1.69	1078.94

## Data Definition

### IMPORT JSON DATA

We now support reading Java Script Object Notation data.

### PRINT IMAGE: LEAVE FIRST SELECTED FIELD HIGHLIGHTED

For any new record type definition we now leave the first selected field highlighted, so that you are better able to select appropriate record definition criteria.

## Interface

### SPEED SEARCH IN EDIT TABLE LAYOUT

This just allows for quicker access to fields when the table layout contains many fields.

### SPEED SEARCH IN F2 DIALOG

This just allows for quicker access to fields when the table layout contains many fields.

### COPY MULTIPLE PROJECT ITEMS

Previously, if you wanted to copy multiple table layouts or procedures from another project, you had to copy each file in separately. Now you can bring in the objects all at once using standard Ctrl and Shift keys. Note: Using a shared folder is still the preferred method for sharing objects but we have enhanced the copying functionality for those one-off circumstances.

### MENU ICONS *(see image at right)*

By adding a smaller version of the command icon beside the command on the menu, this allows the user to more accurately associate the icon with the command.

### IMPROVED TABLE PROPERTIES

Enhanced the properties to include whether or not a server data file is compressed so users have an easier way of determining the attributes of the data file being read.

### LARGER F2 AND F4 DIALOGS

Improved the interface so that users working with a large list of objects can see these more clearly now.

## Browser-based server access has been added

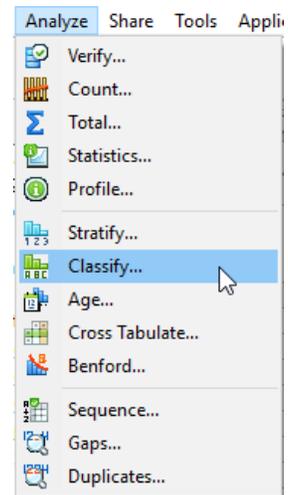
**WEBCONNECT** is our new client that runs from your browser. This is intended for large user communities to easily submit jobs from anywhere, without requiring any Analyzer experience or software installed. It is configured to access the same shared folders that you use with Analyzer,

but since the connectivity is all through your browser, you don't need to install Arbutus components on the local computer. All shared folder maintenance is handled through Analyzer, in the normal way.

**WEBCONNECT** displays the shared folders in the same manner as Analyzer, including sub-folders. The initial version will let you run scripts and view tables that are in server shared folders. Normally the scripts are "canned", and you pass in parameters before the script starts. Beyond that, there is even limited interactivity, as a script can have one (just one) standard DIALOG command, for additional script parameters.

Table viewing is best for smaller tables, due to the constraints of browser-based user interface.

Results are typically emailed to the user, but you can also configure scripts so the user can immediately look at tabular results in a private output area.



## New Interface for Accessing SAP

**SMARTLINK+** is a new interface that allows users to directly access SAP tables. Users can perform table joins of the SAP tables as part of the import process without needing to bring in the individual tables into Analyzer first. This interface works with existing ACL DirectLink code but has built-in added functionality. Improvements over ACL DirectLink available upon request.

## Changes to Existing Functionality

- + If a new project is created with the same name as the folder users are no longer prompted to create a folder.
- + If a corrupted project is encountered, it now gets automatically fixed and a message is provided.
- + The cursor does not highlight the view filter once it has been set.
- + The objects deleted in a procedure are no longer placed in the recycle bin.
- + The dropdown for the character set in Edit Table Layout is UTF16 for Unicode SAP data.

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