

Taurus Software News

May 2004

Welcome to this edition of Taurus Software News, your insider's guide to the Taurus family of products. Taurus Software News is distributed worldwide to people using technologies within the Taurus product line.

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1. Warehouse, BridgeWare's and DataBridger's Data Movement Engine, News

Current release: 3.00.1720

Available platforms: Windows, HP3000, HP-UX, RS6000, Linux, Sun, SGI

Release notes: <http://www.taurus.com/support/releasenotes.htm>

This newsletter's feature pick is the TOKEN function. TOKEN function was added to Warehouse in the 2.08 release. It allows breaking apart a string into the various components. Recently a client used this feature to break an "encoded" part number into the various pieces of the part number. The part number looked like this:

```
0042317 8oz blue cafe
```

The first section of the part number refers to the product type, glasses. The next component refers to the size of the glass. The third piece refers to the color and finally the last piece refers to the style of glass. Using the TOKEN function, you can extract the various pieces.

Syntax:

```
token = TOKEN(source-string, token-number, "delimiters-flags")
```

source-string is the string to be parsed.

token-number is the token number to be returned with 1 being the first token in the string. If token number is less than 1 or greater than the number of tokens in source-string a string of zero length is returned.

delimiters-flags is a constant string enclosed in quotation marks that indicate the parsing delimiters and flags. The delimiters may be any special characters such as comma, colon, semicolon, and/or space. In addition to special characters the S and Q flags are available. Include all possible characters that can be used to separate the tokens. The S and Q flags are included in the quotes after the delimiter flags.

S flag - Indicates that leading and trailing spaces are stripped from the token.

Q flag - Indicates that tokens may be enclosed in quotation marks.

```
1:00 PM VAS [5]C-> whii
```

```
Warehouse 3.00.1720-M (c) Taurus Software, Inc. 2004
```

```
Installed for: Taurus Software, Inc.
```

```
1> xeq sampleu
```

```
1.1> define inputpartno : image x100 &
```

```
1.2> value "0042317 8oz blue cafe"
```

```
1.3> define all-parts : record
```

```
1 -> partnumber : image x20
```

```
21 -> size : image x20
```

```
41 -> color : image x20
```

```
61 -> style : image x20
```

```
81 -> end
```

```
1.9> setvar all-parts.partnumber = token(inputpartno, 1, " ")
```

```
1.10> setvar all-parts.size = token(inputpartno, 2, " ")
```

```
1.11> setvar all-parts.color = token(inputpartno, 3, " ")
```

```
1.12> setvar all-parts.style = token(inputpartno, 4, " ")
```

```
1.13> print all-parts
```

```
2> go
```

```
0042317
```

```
8oz
```

```
blue
```

```
cafe
```

```
Execution time: 0.023 cpu seconds
```

```
END OF PROGRAM
```

Have a topic about Warehouse you want featured in our newsletter? Send your idea to support@taurus.com

2. Studio, GUI Development Workbench, News

Current release: 3.1.089200

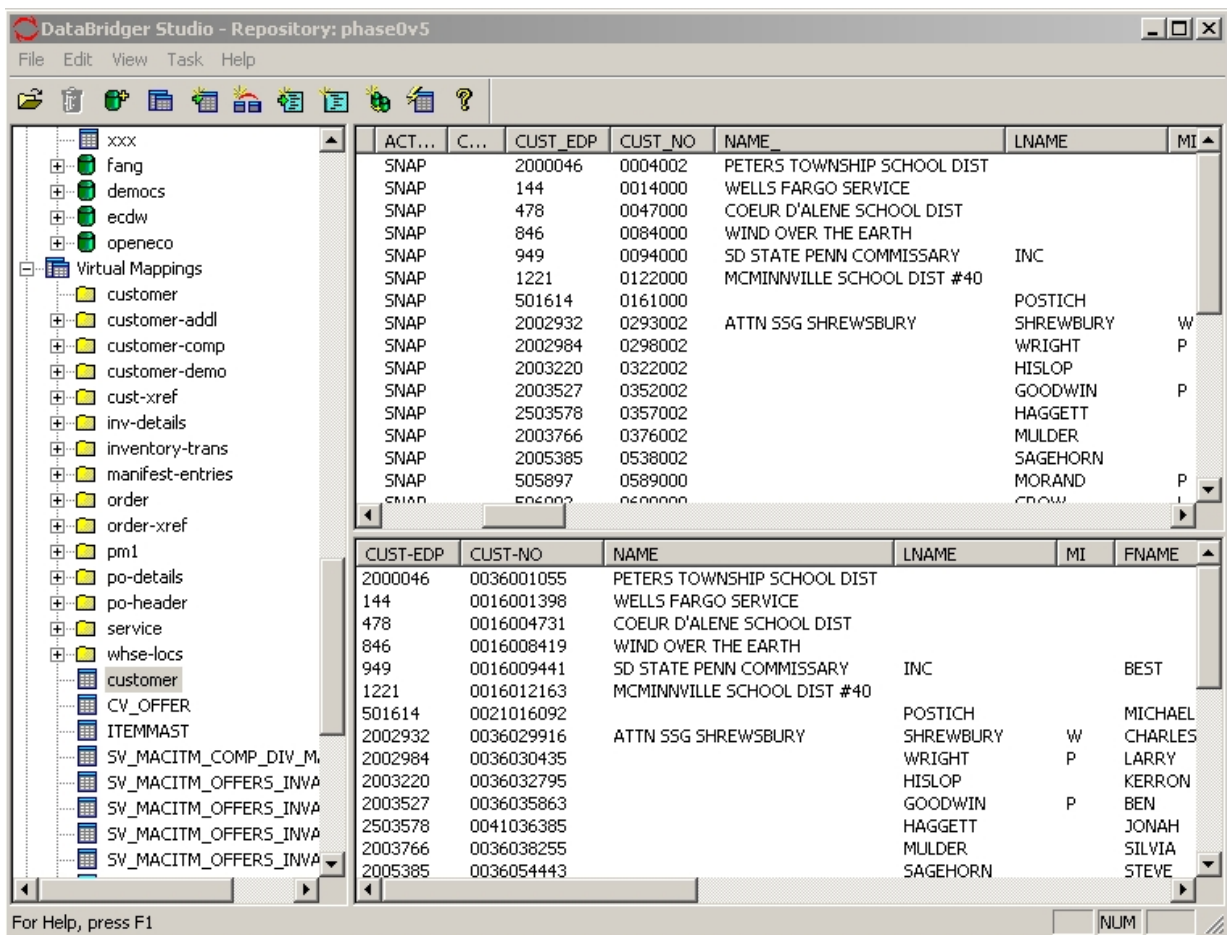
Supported OS: Windows 98, Windows ME, Windows XP, Windows 2000+

This newsletter's feature picks are "two views" and MACROs.

"Two views" is a new feature just added in the current release. With this feature, the right hand side of the frame now allows viewing of two different mappings or data sources. Under the View menu, select two views.

The top window will be filled with the view you were looking at. To fill the second window, click on the window and then select the mapping you are interested in. This feature can be used to view source data above the target data. Each window has its own scroll bars.

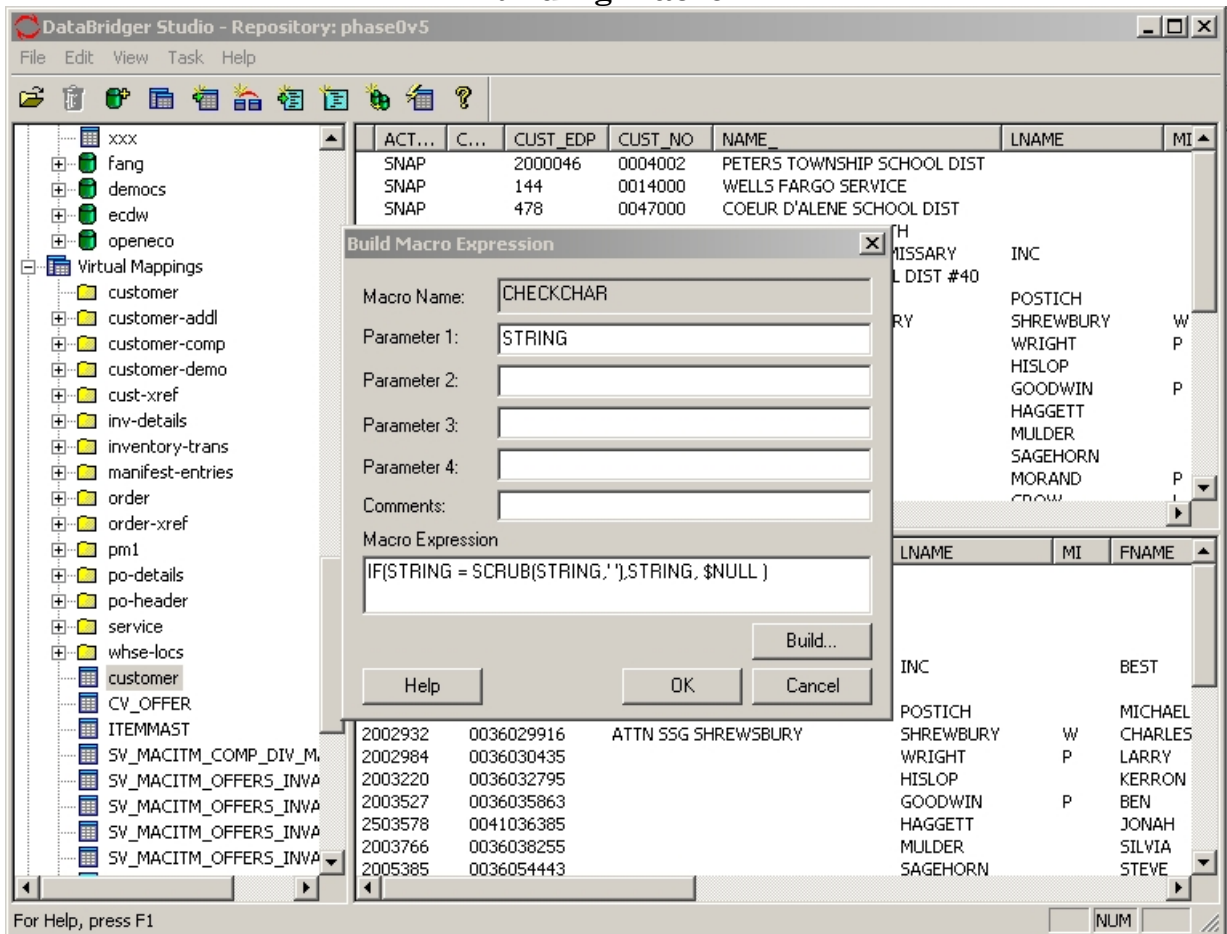
Screenshot of two views open



Macro expressions are user-defined functions which can be referenced by name in the mappings. Many of the data movements from IMAGE to a relational database face common requirements. It is a good idea to create a single routine to handle this common requirement, such as date conversions. For these, you can use macro expressions. Macros can be found on the Task menu. To create a new macro, select Macro Expressions. On the dialog box that follows, click on New. Enter a unique name for the Macro Name. Enter between 1 and 4 parameter names in the Parameter 1 through Parameter 4 areas. The parameters are dummy names that are unique to the Macro. They will be replaced by the parameters used later when using the macro.

In my example, I am creating a new macro that builds a date-time from two separate columns. These columns are parameters to my macro expression:

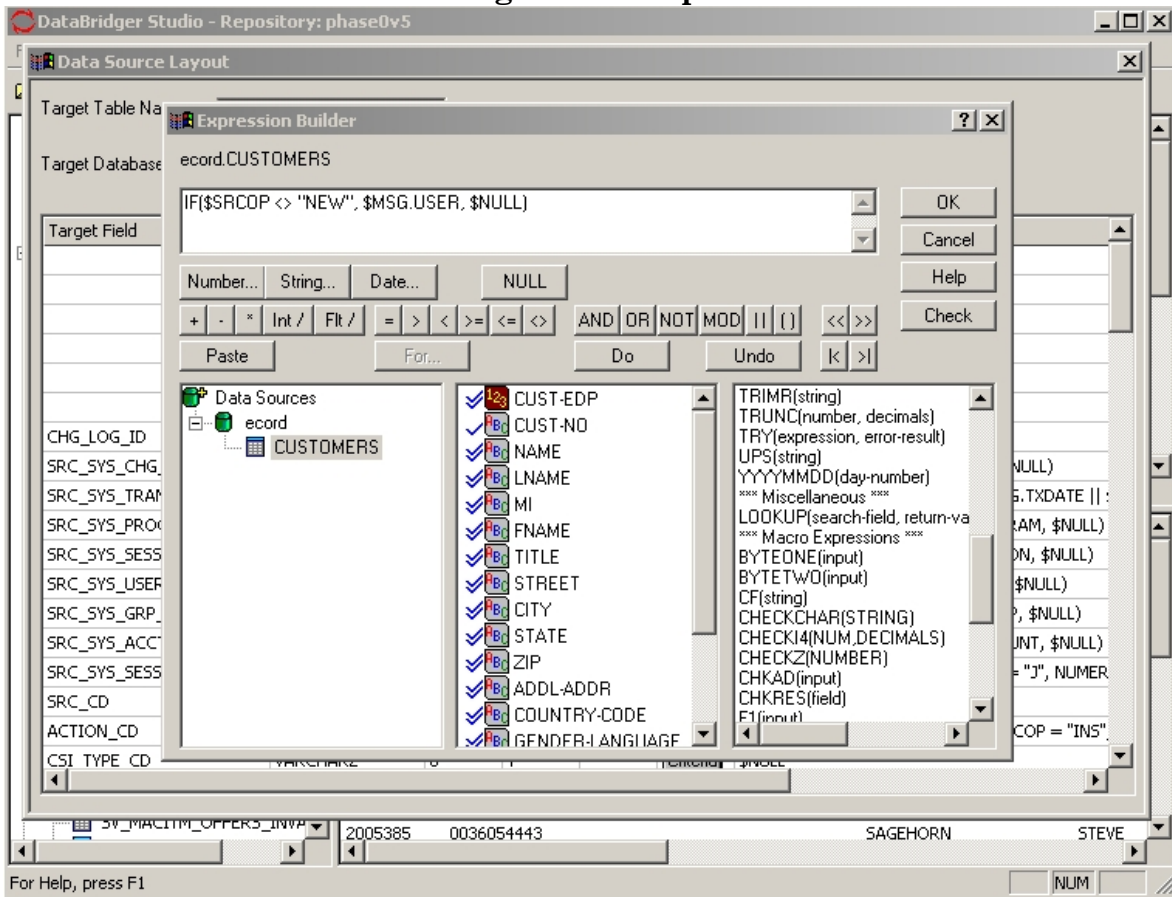
Building macro



Click on BUILD, to build the resulting expression. Once built, the macros are global and can be used in column transformations throughout your mappings.

Macros will appear at the bottom of the list of the functions in the Expression Builder screen when you click on the Criteria button in column mapping phase.

Building Macro Expression



To share your macros with the rest of your team, export the macros. Other team members can import them into their own repositories and make valuable use of them.

3. Ecomedate, Ecometry ODS

Current release: 4/20/04

Supported Ecometry releases: 5, 6, 7 MPE

Available mappings include : comp-div-master, style-header, whse-locs, vend-ord-from, item-mast, edp-item-xref, kit-index, vendor-items, style-item-data, item-desc, offers, sources, source-xref, offer-pages, offer-items, multi-pricing, upsell, customers, customer-comp, customer-addl, customer-phone, customer-demo, customer-promo, cust-xref, order-header, order-sub-head, customization, order-xref, oh-additions, order-comments, service-track, order-actions, bo-file, pick-lot-header, pick-lot-detail, returns, manifest-entries, fedex-entries, po-header, po-details, po-actions, po-comments, inventory-trans and inv-details.

Ecomedate is a collection of pre-defined data movements which allows Ecometry customers to create an on-line data store in their relational database of choice. The routines decode and normalize Ecometry data. Customers then use the clean and organized data to provide

- item and order status information to web sites
- a source of data for operational reports developed using open system reporting tools
- a source for a data warehouse or data mining cubes

Taurus has developed a number of reports using data from the Ecomedate environment. If you would like to see how easy it is to report off this database, signup for a webinar at: <http://www.taurus.com/webinars/ecometry.htm>.

New datasets are being mapped and should be available soon. The new datasets are financial-order and processing. If you need these sets in your Ecometry ODS environment, please contact Vicky in support at extension 222.

If you are interested in being a beta site for Ecomedate Open, please contact support@taurus.com

4. Product uses: Migrating?

As the HP3000 winds down, you may have a migration in your future. Taurus Software has LOTS of experience in this area. The first wholesale migration (every piece of code, every piece of data being migration to a new platform) was completed in 1999. If you haven't read about, check it out:

<http://www.taurus.com/customers/ceridian.htm>

What more details? We can provide you with a paper authored by Steve LeBlanc for HP World.

Whether you are migrating to a new 3rd party or a newly developed application, you are going to need to move your current application data. Don't forget about historical information. Most 3rd party application only facilitate moving "active" data (open invoices, work orders, etc). If the history is important to your organization, consider creating a historical database to allow easy access to historical information for your users. For more details about specific architectures that have worked well, contact

5. Product uses: Application Synchronization?

Life has become more complicated. Your financial application may run on HP-UX, but your order processing application may run on MPE. Need to meet in the middle? Creating a replicated IMAGE environment in a relational database may just do the trick. To accomplish this you can use BridgeWare to develop the target tables, populate these tables and keep them up-to-date in real time. This replicated environment can be source for data that is needed by your financial application. Want to talk with users that have done this? Want some ideas for table designs that marry IMAGE and relational databases with very little muss or fuss? Contact sales@taurus.com

6. Product uses: Oracle to SQLServer? SQLServer to DB2?

DataBridger can help. The process begins with developing the target tables, continues through the populating of these tables, until you are ready to keep them updated in real time. Taurus' DataBridger solution allows inter-database replication from a simple model to very complex transformations between the data structures. Need more information? Contact sales@taurus.com

7. Events and Seminars

Need a refresher on Studio or Warehouse? Join us for our monthly refresher web training sessions. Contact support@taurus.com to reserve a seat in the next session.

Want to know how Ecometry is using our products for their client's migrations to Open Ecometry? Join us at an Ecometry migration seminar. To sign up, <http://www.taurus.com/webinars/ecometry.htm>

Want to know how Amisys is using our products to migrate their customer's data to Advance? Join us at an Amisys migration seminar. To sign up, <http://www.taurus.com/webinars/amisys.htm>

Taurus will be attending the Amisys conference May 11th – May 13th in Charleston, SC.

Taurus will be attending the Ecometry conference June 6 – June 9th in Del Ray Beach, FL.

8. Web Site Picks for This Issue

Handy for file conversion including text to PDF, CSV to FIXED and handy file extension roadmap: <http://www.iconv.com/>

“You think your life is hard”, read this issue’s pick
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=4146756343>

Can’t quite remember what the hex representation of ~? <http://www.asciitable.com/>

Need help with Oracle? <http://oracle.ittoolbox.com/default2.asp>

Need some comic relief? Check the movie for a dog that skateboards.
<http://www.skateboardingbulldog.com/>

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