

# ETI•EXTRACT Data System Library™ for Tcl Functions Release Notes

**Regarding ETI•EXTRACT Data System Library for Tcl Functions Version 4.2.1**

**July, 2002**

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# Table of Contents

<b>1.0</b>	<b>TCL FUNCTIONS CHANGES FOR 4.2.1</b> .....	<b>3</b>
<b>2.0</b>	<b>TCL FUNCTIONS CHANGES FOR 4.2.0</b> .....	<b>3</b>
<b>3.0</b>	<b>TCL FUNCTIONS CHANGES FOR 4.1.0</b> .....	<b>3</b>
<b>4.0</b>	<b>MAJOR VERSION NUMBER CHANGE — FROM 1.0.16 TO 4.1.0</b> .....	<b>3</b>

## 1.0 Tcl Functions Changes for 4.2.1

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This release adds support for HTML reporting. The added functionality allows a conversion report to generate a GIF image file which is generated into the HTML report. This functionality requires a third-party package called Graphviz, available via free download from AT&T Labs-Research. See Shared Objects 4.2.2 Release Notes for more details.

## 2.0 Tcl Functions Changes for 4.2.0

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- This release of the ETI•EXTRACT Data System Library™ (DSL) for Tcl Functions is backward-compatible with all supported DSL and ETI•EXTRACT® releases.
- Added function *get\_lookup\_name* to Program Generator (PG) Extension Module *user\_eval\_functions* to determine if a lookup is being used before being invoked. In this scenario, the following generation error will now be displayed:  

```
<<Error: ETI2010: Function <attr-part-filter-lookup> cannot find <XXX> in cvar array <invoked_lookups>. >>
```
- Modified the function *get\_filt\_literal* in PG Extension Module *user\_eval\_functions* to address a problem that occurred when invoking a table lookup on complex conversions.
- Added *min\_distinct* and *max\_distinct* to the list of group functions.

## 3.0 Tcl Functions Changes for 4.1.0

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- No changes in functionality. This represents a change in the release number only.

## 4.0 Major Version Number Change — from 1.0.16 to 4.1.0

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With the 4.1 release of the DSL for Tcl Functions, no changes were made to the product. The release number was changed to help identify which DSL components work with the DSL Architecture (DA) and to insure that the release numbering follows our product obsolescence policy.