## ClearTrace<sup>™</sup> for DOORS DOORS Client Add-On



This document applies to ClearTrace<sup>™</sup> for DOORS version 1.4.192.1

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## Legal Notices

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#### Trademarks

ClearQuest and Rational are registered trademarks of International Business Machines Corporation (IBM) in the United States, other countries, or both. DOORS is a registered trademark of Telelogic AB.

### **Third Party Notices**

Per DOD FAR SUP 252.225-7000 definitions, this product is a United States "domestic end product" and was produced solely in the United States.

## **First-Time Steps**

## **Configure Licensing**

ClearTrace uses Macrovision FLEXIm for licensing. It is suggested to copy your license file to the "licenses" folder beneath your ClearTrace installation folder. Your license can also be installed by following the steps below.

FLEXIm License Finder	Start the ClearTrace Administrator application.
Your application was not able to obtain a license because the FLEXnet license server manager could not determine where to find the licensing data it needs. Please choose one of the following:	The FLEXIm license License Finder will appear.
Specify the License Server System     Specify the License File     Copyright (c) 1999, 2004 Macrovision Corporation     Cancel	If you have a permanent license for ClearTrace, select "License Server System". Or, if you are evaluating ClearTrace, choose the "License File" option. Click Next to continue.
FLEXIm License Finder         X           Enter the Computer Name of the License Server System. (Contact your System Administrator if you do not know this.)	If you selected "License Server System", enter your license server information. This information must be specified as:
	port@hostname (The default port is 28282). Click Next to continue.
Cancel <back next=""></back>	



## Configure ClearTraceWeb URL

🚳 Clear	TraceWebLocator		×
Please er	nter the URL location of	your ClearTraceWeb server	
http://{yo	urserver}/cleartraceweb	/cleartraceweb.asmx	
	(		
	OK	Cancel	

The ClearTrace Web Locator dialog will appear if the location for ClearTrace web services has not been configured or if the location is unavailable.

This information is provided by your ClearTrace administrator. The default location is:

http://server:port/cleartraceweb/cleartraceweb.asmx

This information is stored in the Windows registry: HKLM\SOFTWARE\Ring-Zero Software\{ClearTrace for DOORS}

DoorsAc	ldon 🔀
8	Unable to connect with ClearTrace Web Services at http://{yourserver}/deartraceweb/deartraceweb.asmx
	OK

If you enter this information incorrectly, or if the ClearTrace web services URL is correct but was unavailable, an error message will be displayed and you will be prompted for the location.

## **DOORS Client Functionality**

## Viewing Linked ClearQuest Records in DOORS

I format	module '/New Folder/sample' current 0.0 - DOORS	80
	Hew Breet Link Analysis Table Tools Liver ClearTrace Help P X No En (♥ × ✓   ♥ + +   0 / 0 =   0 if if	****
Standard ve	•• • Alexes • 🎍 🖉 🖉 🖉 🖉 👘	《圖公名前計 》 陽異
0	Sanple Requirements Module	
SAMPLE 659	Requirements Document for Groceries @Bome put some more stuff here, and a little more.	
SAMPLE 660	2 Introduction (II)	
SAMPLE 661	For the part 13 years, the Garcory Tilema Dairway forces, G1000 Jun, Jones many tile devided, addeds, add et devices of Consegn percents to the Nessen Utili area. (GDD Jan seynettat sixty) the through trippicons and transfers. (GDD Jan seynettat sixty) exception to the Nessen Utili area. (GDD Jan seynettat sixty) exception to the Nessen Utili area (GDD Jan seynettat sixty) exception to the Nessen Utili area (GDD Jan seynettat sixty) exception to the Nessen Utili area (GDD Jan seynettat sixty) exception to the Nessen Utili area (GDD Jan seynettat sixty) for additional of the Nessen Utili area (GDD Jan seynettat sixty) for additional of the Ness contents of the Other methods, and for additional of the Ness of the Nessen Seynettic difficult and Nessen Consection, net just that area. Sandly theorype the correct magement.	/www.foldor/durqueredefects.int

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<sup>1</sup> 1 my first defect <sup>2</sup> -Give High Attention 2-Give High Attention Defect admin this is my first defect	ID		Priority	Priority	Record Type	Owner	-
	1	1 my first defect	2-Give High Attention	2-Give High Attention	Defect	admin	

<b>1</b> F	orma	al m	odule '/New Folder/cl	learquest-defect	ts' current 0.0 - DO	ORS			
File	Edit	View	v Insert Link Analysis	Table Tools Us	er ClearTrace Help				
	<b>@</b> 1	a l	3 B 🖻 🖤 🛛 🗙	$  \forall   T^{t} \equiv_{t}   \}$	B X ∐ AN   I≣	日日  ビデ 🗗 65		777	
cq			✓ Al leve	n 💌 🎽 🖉	*	1:4848	š 🛃 🕋 🖆	t w	
ID		Т		0	Priority	Priority	Record Type	Owner	×
	,		1 my first defe his is my first defect	ct 1	/New Folder/sample	661: For the past 15 ye 662: Because GHDS is a 663: This document con	ars, the Gro small compan tains the det	dmin	
Usem	ame:b	est2	Read	only mode					×

This functionality does NOT require client installation of the ClearTrace Add-On for DOORS.

# This functionality does NOT require client installation of ClearQuest.

Links to ClearQuest records will appear as incoming links. The orange link arrow provides means to navigate to these linked records.

ClearQuest record modules are read-only to non-administrators. Users can customize views within these modules to include any ClearQuest attributes which the ClearTrace administrator included during configuration of the related ClearQuest to DOORS profile which created this module.

Likewise, users can use link arrow navigation to follow ClearQuest records to linked requirements.

### Viewing Linked ClearQuest Records in ClearQuest

#### ClearTrace Help

View ClearQuest Record for Selected Object

Link Current Selection to New ClearQuest Record Link Current Selection to Existing ClearQuest Record(s)

Clearquest Login	×
DBSet	Database
2003.06.00-ANSI	ent
	Remember
Username	
Password 1	
<u>K</u>	<u>C</u> ancel

View Defect test00000001	
Requirements     Unified Change Management       Test Logs     CearTrace for DOORS       Main     Notes     Resolution       ID:     rest00000001     State:       Yeadimer:     This is a sample defect	OK Cancel
Priority:     2/Give High Attention       Severity:     1/Gritical       Qwner:     cleastrace       Description:	Actions -
This defect has been submitted from DOORS	

# This functionality requires installation of the ClearTrace Add-On for DOORS.

# This functionality requires client installation of ClearQuest.

Select the read-only ClearQuest object in DOORS that you are interested in viewing. From the ClearTrace menu, select *View ClearQuest Record for Selected Object*.

ClearTrace will prompt you for login information for the associated ClearQuest connection and database if you have not entered and saved it previously, or if it determines that your saved credentials are not valid.

To save your login information for a particular combination of DBSet and database, click the Remember checkbox before clicking the OK button.

The associated ClearQuest record form will be displayed

#### Modifying Linked ClearQuest Records

#### ClearTrace Help

View ClearQuest Record for Selected Object

Link Current Selection to New ClearQuest Record Link Current Selection to Existing ClearQuest Record(s)

learquest Login			<u>ن</u>
DBSet		Databas	se
2003.06.00-ANSI		ent	
Username			Remember
Password			
	<u>0</u> K		<u>C</u> ancel

# This functionality requires installation of the ClearTrace Add-On for DOORS.

# This functionality requires client installation of ClearQuest.

This operation must be performed from a DOORS module which contains ClearQuest records – not from a module which contains your requirements.

Select a read-only ClearQuest record in DOORS. On the ClearTrace menu, select *View ClearQuest Record for Selected Object.* 

ClearTrace will prompt you for login information for the associated ClearQuest connection and database if you have not entered and saved it previously, or if it determines that your saved credentials are not valid.

To save your login information for a particular combination of DBSet and database, click the Remember checkbox before clicking the OK button.

ClearQuest credentials are cached for each user who logs into a particular computer and stored in the following location in the Windows registry:

 $\label{eq:hkey_current_user} HKey_current_user \ Software \ Clear Trace \ for \ DOORS - DOORS \ Addon \ Saved \ Credentials$ 

This means that if multiple users share a particular machine, cached ClearQuest credentials must be entered for each user. For example, if John logs onto this computer and submits a defect via ClearTrace, the defect will reflect having submitted by John. If Mary logs into this computer at a later location and does the same, the defect will reflect her as the submitter.

View Defect test00000001	
Requirements         Unified Change Management           Test Logs         ClearTrace for DOORS           Main         Notes         Resolution         # Attachments         History         PQC	OK
ID: test00000001 State: Submitted	Cancel
Headline: This is a sample defect Priority: 2/Give High Attention Keywords:	Print Record
Severity: 1-Critical	Actions -
Owner: cleartrace Symptoms:	Modify
Description:	Duplicate Postpone
This defect has been submitted from DOORS	Delete WorkOn

The associated ClearQuest record form will be displayed. Select the Modify action from the ClearQuest Actions menu.

If your ClearQuest schema has been customized, the action may have another name.

#### Submitting New ClearQuest Records

#### ClearTrace Help

View ClearQuest Record for Selected Object

Link Current Selection to New ClearQuest Record Link Current Selection to Existing ClearQuest Record(s)

Clearquest Login
DBSet Database 2003.06.00-ANSI ent
Username Remember
<u>OK</u> ancel

# This functionality requires installation of the ClearTrace Add-On for DOORS.

# This functionality requires client installation of ClearQuest.

This operation must be performed from a DOORS module which contains your requirements – not one which contains ClearQuest records. Also, the module must be one which your ClearTrace administrator has configured to be mirrored in ClearQuest.

Select one or more requirements. From the ClearTrace menu, *Select Link Current Selection to New ClearQuest Record*.

ClearTrace will prompt you for login information in the following situations:

(1) More than one ClearQuest connection has been associated with the current DOORS module.

(2) You have not entered and saved login credentials for the associated ClearQuest connection.

(3) ClearTrace was unable to successfully log into ClearQuest using previously saved credentials.

To save your login information for a particular combination of DBSet and database, click the Remember checkbox before clicking the OK button.



If more than one ClearQuest record type has been configured to link to DOORS requirements, you will need to select the type of record you wish to submit.

If only one type has been configured, this dialog will not appear.



If more than one ClearQuest record type has been configured to link to DOORS requirements, you will need to choose the type of record you wish to submit.

The Submit form for the particular record type will be displayed.



The requirements which were selected in your DOORS module when this functionality was invoked will be automatically added to the ClearQuest record's list of associated DOORS requirements.

Formal	module '/New Folder/sample' current 0.0 - DOORS				
De for A	ew preet ynk gewyss iege poor yeer gewinnoe gep I V De de Helley / I −+ er be y ni welte an an ielde 124 -40 mil I −− 114 Bernel				
Standard vie	w ↓ 参 示 示   □ □ □ □   [ ] ◆ 図 ∨ ∀ → ⊉↓ → [ 型 W				
ID .	Sample Requirements Module	-			
SAMPLE 663	This document contains the detailed requirements specification for the Grocenes@Home system that Scools Software Inc. is developing for GEDS. The document should serve as the official basis for any further development of Grocenes@Home.				
SAMPLE 676	3 Executive Summary				
SAMPLE 677	OIDSD is seeking to take advances of the ubiquity of the Internet and populative of orders shopping by matemaining its ordering process through document (Banc advances). The constructions to between a lease the gravement, place orders, and take orders, all via their own PC, in the constructions to the order orders and the starting of the starting of the start and the start of the constructions the order orders and the start of the start and the start of the start addition, the process will be done in a fraction of the time - no longer will a GIDD supply we have to move the telephone, place customers no mold doning buy the instead start of the start of the start of the start them into a system. GIDD satisfying policy, and difference will be a larger startners them into a system. GIDD satisfying policy, and difference policy and start of the start of the start of the start of the start of the s				
SAMPLE 678	Groceries @Home provides the following key features:				
SAMPLE 679	dutomated shopping and ordering process: Customers can search and browse groceries, place orders,				
SAMPLE 680	Sure coordination and practing of deliverse and drags: Because drivers will enter their up-to-date ender and delivery status ach them they return to the OLEDS varihouse. An exystem will accuratly reflect this information for customers who wish to track their orders, and for administrators who wish to use this referentiation to make informed decisions about driver assignments.				
SAMPLE 681	<u>dationated report generation</u> : Geoceties@Home will provide interested parties at GHDS with accurate, useful, and customizable reports in a rapid manner. Blah blah blah blah.				
SAMPLE 682	Three of the most important risks posed by the development of Grocenies@Home are the following:				
SAMPLE	Security - Because customers will be entering private information into the Groceries@Home system				
×		>			
semame: tes	12 Exclusive edt mode				

process updates DOORS with the associated ClearQuest records, it will create the DOORS mirror of this record and add links to the currently selected DOORS requirements.

The next time the ClearTrace server

These links will appear in the current DOORS module the next time it is opened.

	L X ⊕ B A A X ∧ L ■ Fee face for Buside rose	B X T W IE	10日1日日 11日日日 11日日 11日日 11日日 11日日 11日日 1	≡ ¥ 3×	550	
cq	💌 Al levels 💌 🚠	44 = = = =	1:4 🕅 🛆 🗞 2	# 24   🕿   1	🖆 W	
ID		Priority	Priority	Record Type	Owner	
1	1 my first defect this is my first defect	2-Give High Attention	2-Give High Attention	Defect	admin	
2	2 this is my second defect	2-Give High Attention	2-Give High Attention	Defect	lead	
	this is a defect i an submitting from doors					
	doors					-

Following these links confirms that the new ClearQuest record was created and linked to the DOORS requirements selected when this functionality was invoked.

#### Linking to Existing ClearQuest Records

ClearTrace Help

View ClearQuest Record for Selected Object

Link Current Selection to New ClearQuest Record Link Current Selection to Existing ClearQuest Record(s)

Clearquest Login	×
DBSet Database	
2003.06.00-ANSI ent	
Username	lemember
Password	
<u>OK</u> <u>C</u> ancel	

# This functionality requires installation of the ClearTrace Add-On for DOORS.

This operation must be performed from a DOORS module which contains your requirements – not one which contains ClearQuest records. Also, the module must be one which your ClearTrace administrator has configured to be mirrored in ClearQuest.

Select one or more requirements. From the ClearTrace menu, select *Link Current Selection to Existing ClearQuest Record(s).* 

ClearTrace will prompt you for login information in the following situations:

(1) More than one ClearQuest connection has been associated with the current DOORS module.

(2) You have not entered and saved login credentials for the associated ClearQuest connection.

(3) ClearTrace was unable to successfully log into ClearQuest using previously saved credentials.

To save your login information for a particular combination of DBSet and database, click the Remember checkbox before clicking the OK button.

s	elect a ClearQuest record type 🛛 🛛 🛛	3
	Record Type Defect EnhancementRequest	
	<u>OK</u> ancel	

If more than one ClearQuest record type has been configured to link to DOORS requirements, you will need to select the type of record you wish to associate.

If only one type has been configured, this dialog will not appear.

Select one or more ClearQuest records					
Unitspace: Queries, Charts, Reports				OK	
□ 😋 Personal Queries □ III All Defects B 🔄 Public Queries				Cancel	
				New Query	
				<u>B</u> un	
				<u>E</u> dit Query	
				Help	
	id	Headline	Description	^	
1 pt	00000001	my first defect	this is my first defect		
2 pt	00000002	this is my second defect	this is a defect i am submitting from doors		
3					
4					
5					
6					
/				~	

The native ClearQuest query list and record selection dialog will appear, from which you can find the records you wish to associate with the selected DOORS requirements.



The next time the ClearTrace server process updates DOORS with the associated ClearQuest records, links will be to these requirements.

The next time this module is opened, the orange link arrows will appear.

## **Technical Support**

Depending on the terms of your support agreement, you can obtain support in a number of ways.

- Visit the Ring-Zero Software web site (<u>http://www.ring-zero.com/support</u>)
- Email Ring-Zero technical support (<u>support@ring-zero.com</u>)
- Contact Ring-Zero Software by phone at one of the following numbers.

Toll Free	(800) 742-1312
Local or International	(512) 686-3022
Fax	(800) 742-1312