

A vendor supplied white paper from JDEtips



Security Review Strategy

For

WorldSoftware™

Product	WorldSoftware™
Suite	Technical
Release	A7.3
Document ID	QSSI-01-0000
Date Created	20/06/01
Date Last Modified	25/04/03
Created by	Alex Rippingale Consultant Q Software Global Limited Web : www.qsoftware.com Email: alex@qsoftware.com Tel : + 44 (0) 1444 476780 Fax: + 44 (0) 1444 476781

Introduction

The purpose of this paper is to define an approach for systematically reviewing your J.D. Edwards® security implementation to see how effectively it has been applied. Each area of J.D. Edwards (JDE®) security is discussed in depth. This paper includes some strengths and weaknesses of JDE security as well as some recommendations for how best to utilize each security feature. This paper covers the core security features of JDE security in order that you can effectively lock down your system. Other features are also discussed but these are used differently depending on the business requirements. The recommendations discussed in this paper may not suit your individual site.

The topics discussed in this paper are:

1. Menu Structure and Security
2. User Security
3. Function Key Access
4. Action Code Security
5. DREAM Writer Version Security
6. Other Security

1. Menu Structure and Security

Overview

Menu security is critical to ensuring that your Business Processes run effectively and you have a secure JDE implementation. Your system can feasibly be protected at program level, but by building an effective menu structure you are vastly cutting the time taken to implement or manage JDE security.

JDE provides you with vanilla 'G' menus, which are organized into modules and systems. The ability to create custom menus by copying 'G' menus and tailoring them to your users, or generating menus from scratch is also provided.

JDE has different methods of traveling within your system that give greater flexibility to your users but also make securing your system harder. These methods of traveling can also have some control over what strategy to use to secure your system. Users can travel through the normal method of taking an option from a menu and either calling a program or another menu. There are also some powerful traveling capabilities identified as Menu Travel and Fast Path. By entering a menu ID on the command line, users with menu travel can go directly to that menu. By enter a menu option and a menu on a command line, users with fast path call a program on another menu directly. These capabilities can and should be turned off for all but the most powerful users, as they can be a serious security risk if your menu security is not watertight.

To review this area see the relevant section on User Security.

There are three methods that can be used to secure your menus, as different methods will suit different companies.

Firstly, if you stick with the Menu Structure that JDE has provided you with, you can use menu masking. Menu masking works by having lock values at both menu header and menu option level. When the system checks whether a user can access a menu or menu option, it checks the values against a user's virtual mask setting as to whether they can access this menu or option. A user's virtual mask setting is the composite of any masking applied at *PUBLIC, Group and User level (see the user section of this paper for more details).

This Article Continues...

Subscribers, log in from our main search page to access the full article:

www.JDEtips.com/MyAccess.html

Not a Subscriber? Gain access to our full library of JDE topics:

www.JDEtips.com/JD-Edwards-Library

Visit www.JDEtips.com for information on the JDEtips University schedule, private training and consulting, and our Knowledge Express Document Library.

License Information: The use of JDE is granted to JDEtips, Inc. by permission from J.D. Edwards World Source Company. The information on this website and in our publications is the copyrighted work of JDEtips, Inc. and is owned by JDEtips, Inc.

NO WARRANTY: This documentation is delivered as is, and JDEtips, Inc. makes no warranty as to its accuracy or use. Any use of this documentation is at the risk of the user. Although we make every good faith effort to ensure accuracy, this document may include technical or other inaccuracies or typographical errors. JDEtips, Inc. reserves the right to make changes without prior notice.

Oracle and J.D. Edwards EnterpriseOne and World are trademarks or registered trademarks of Oracle Corporation. All other trademarks and product names are the property of their respective owners.

Copyright © by JDEtips, Inc.