



You Can Do UDOs, Part 1

An Introduction to User Defined Objects

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E1 Editor's Note: It is impossible to discuss the future of JD Edwards without discussing User Defined Objects (UDO) and the no-code solutions. If you are like many JD Edwards users, you have probably heard of, and may even be using, functionality like CafeOne and E1 Pages. Perhaps you are using Queries and OneView Reporting, but would like to learn more about the newer features and what they can do for you. This article will explain all UDOs and how they have improved and give examples of when you can use them in your organization.

Introduction

By now, most of you have heard of User Defined Objects or UDO's. Some pronounce this as 'You – Do' because that's what they are; something that you, as a business user, developer or system administrator, can do. You will hear arguments about what type of user is truly capable of creating a UDO and about who should be managing UDOs. The answer to this and to most questions is that it depends. In the following sections, we will discuss what UDOs are and touch on the creation of specific UDO types so that you can make an informed decision on how your organization can get started using UDOs. UDO Management is a separate topic that will be examined in a future article.

UDOs are web objects created using the JD Edwards EnterpriseOne (E1) web interface. They can be created for personal use, UDOs that other employees have created can be viewed, and/or UDOs can be shared so that others can view, modify and use them to create additional UDOs. The ability to perform any of these tasks depends on the permissions that have been granted by the administrator.

UDO Types

There are a number of UDO types that users can create. Table 1 lists all the UDO types now available in JDE E1.

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| Composed EnterpriseOne (E1) Page | An E1 page with user defined layouts that enable users to access Designer Panes, Watchlist Panes, Classic Pages, E1 applications, One View Reports, Web Pages, OBIEE objects and ADF applications. NOTE: Composed E1 Pages differ from Classic Pages in that they do not require you to have HTML coding knowledge. You create and design your Composed E1 Pages by using the Page Composer. |
| Images | A custom or user defined graphic you can add to various components in the Designer Pane of Page Composer. The components in the Designer Pane include E1 applications, batch versions, tasks, ADF applications and Watchlists. NOTE: These UDOs are not accessible via BI Publisher Embedded templates. |
| Queries | Fields and QBE columns you select from a form, and add conditions to, in order to make the search criteria more specific. |
| OneView Watchlists | A collection of items that match user defined criteria and contain information that users have selected to be alerted. Watchlists are queries on timers. |
| Grid Formats | A selection of the columns you choose to display, the sequence in which you want them displayed, and how information is displayed in your grid. |
| Composite Application Framework (CafeOne) | A user interface framework that enables E1 applications to integrate with third-party content and applications, as well as other E1 applications. |
| Classic E1 Page | An E1 page that enables users to work on multiple E1 applications. Classic Pages are HTML files and can contain any HTML-enabled functionality, such as interactive process flows, URL links and web pages, company logos, and so on. |
| OneView Reports | A Business Intelligence (BI) Publisher data model, a BI Publisher report, and the report definition for the OneView Report, which is the metadata for the report and resides in E1. |
| Personal Forms | Customization of the E1 applications user interface (UI) by using an interface that does not require any Form Design Aid (FDA) based modifications. |
| Search Groups | Search criteria that you can design to search for records across transactional or master data within E1. These search groups are used in the E1 Search feature. |
| Orchestration Components | Components created in the E1 Orchestrator Studio that comprise a complete orchestration, which the E1 IoT (Internet of Things) Orchestrator processes to enable the immediate, real-time transfer of IoT data to E1. |
| Notifications | Components created in the E1 Orchestrator Studio that enable the system to notify users of business events as they happen without the need for the user to be online. |
| Schedules | Components created in the E1 Orchestrator Studio that define how often the system should execute a notification or an orchestration. |

Table 1: All UDO Types Currently Available in JDE E1

Author's Note: For the purposes of this article, we will focus on Composed Pages and Images.

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