Data Update (DATUP) 4.0.1

PRED*4*2

Release Notes

July 2024

Department of Veterans Affairs (VA)

Office of Information and Technology (OIT)

Table of Contents

Introduction

The Pharmacy Reengineering (PRE) Project provided innovative enhancements to Clinical Decision Support (CDS) within the Veterans Health Administration (VHA). Medication order checks are accomplished through the synergistic functionality of multiple applications, including Medication Order Check Healthcare Application (MOCHA), Pharmacy Product System-National (PPS-N), Pharmacy Enterprise Customization System (PECS), and Data Update (DATUP).

DATUP is a utility that runs an automated process to maintain the First Databank Drug Information Framework (commonly abbreviated as FDB-DIF) and VA custom data used by regional MOCHA instances and at the national level by PPS-N.

Purpose

These release notes cover the changes to DATUP version (v) 4.0.1 First Databank (FDB) Framework (Fwk) Upgrade v4.5 for this release.

Audience

This document targets users and administrators of DATUP FDB Fwk Upgrade v4.5 and applies to the changes made between this release and any previous release for this software.

This Release

The following sections provide a summary of the new features and functions added, enhancements and modifications to the existing software, and any known issue for FDB Fwk Upgrade v4.5 DATUP 4.0.1 / PRED*4*2.

New Features and Functions Added

This section is not applicable (N/A) to the FDB Fwk Upgrade v4.5 DATUP 4.0.1 / PRED*4*2 release.

Enhancements and Modifications to Existing

VHA, Patient Care Services, and Pharmacy Benefits Management (PBM) has requested the FDB Fwk upgrade from version 3.3 to version 4.5 for VA Pharmacy applications. DATUP will be upgrading the Application Programming Interface (API) calls in support of the FDB Fwk version 4.5 upgrade.

The following are the enhancements and modifications to the FDB Fwk Upgrade v4.5 DATUP 4.0.1 / PRED*4*2 release

- FDB Fwk version 4.5 Application Programming Interfaces (APIs) to be integrated into the DATUP application

- Modifications to methods and code-flow to be in compliance with FDB v4.5 constructs

- FDB-6309 - DATUP: File naming issue - 4.5 custom update files have null in the file name after being processed and placed in the droid/custom folder

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- FDB-7912 - PECS/DATUP/MOCHA: (Step 1) Validate DRC dose unit customizations

- FDB-7756 - DATUP: Null pointer exception thrown by FDB v4.5.11.2 DDI Screening API as part of DATUP's validation during update file loads

- FDB-7756 - DATUP: Null pointer exception thrown by FDB v4.5.11.2 DDI Screening API as part of DATUP's validation during update file loads

- FDB-7755 - DATUP: Upgrade to use FDB v4.5.13.1 and latest version of mocha common jar following MOCHA upgrade to FDB v4.5.13.1

- FDB-7651 - PECS/DATUP/MOCHA: (Step 1) Validate DRC rate field customizations

- FDB-8112 - DATUP/PPS-N: Create cron script for file processing and validate in PPS-N lower environments

- FDB-7713 - DATUP: Integrate and validate sustainment build PRED*3*6

- FDB-8247 - PECS/DATUP/MOCHA: Update Jenkinsfile to refer to targetBranch following upgrade of GitForensics plugin and removal of defaultBranch naming

- FDB-7800 - DATUP/PECS: Load FDB v4.5 standard update files into SQA environment to correct misspelling of capusles/kilogram/day dose unit

- FDB-8337 - DATUP: Improve handling of DB connections to mitigate connection pool exceptions

- FDB-6756 - PECS/DATUP/MOCHA: (Step 1) Low and high frequency customizations

- FDB-8297 - DATUP: Update log4j2.xml application logging configuration to retain only last 10 files and ensure appropriate log levels are used when writing to logs to omit extraneous information

Known Issues

There were no known defects at the time that this document was written.

Product Documentation

Documentation describing the new functionality introduced by this patch is available. Upon National Release, the documentation will be in the form of Adobe Acrobat files. Documentation will be found on the VA Software Documentation Library at:

https://www.va.gov/vdl/application.asp?appid=203

File Name	Title	FTP Mode
PRED_4_0_P2_RN.DOCX PRED_4_0_P2_RN.PDF	DATUP 4.0.1 PRED*4*2 Release Notes	Binary
PRED_4_0_P2_DIBR.DOCX PRED_4_0_P2_DIBR.PDF	DATUP 4.0.1 PRED*4*2 Deployment, Installation, Back-Out, Rollback Guide	Binary
PRED_4_0_P2_IG.DOCX	DATUP 4.0.1 PRED*4*2 Installation Guide	Binary

File Name	Title	FTP Mode
PRED_4_0_P2_IG.PDF		