

Clinical Connector Release Notes

Document Change History

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| --- | --- | --- | --- |
| **Version Number** | **Date** | **Contributor** | **Description** |
| 1.0 | December 9, 2009 | Patrick Conrad | Release Notes for release 2.0 |
| 1.1 | February 24, 2010 | Patrick Conrad | Release Notes for release 2.1 |

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# Background/Summary

The caBIG® Clinical Connector, formally known as the C3D Connector, provides services that allow patients to be enrolled in to C3D Studies and to load laboratory test result data into the C3D CDMS.

The Enroll Patient service accepts a request to enroll a patient into an existing study in C3D. The service will acquire a C3D Patient Position for the requested Study and Site, assign values to the C3D Questions related to Patient ID and NCI Institution Code, if available, and return the C3D Patient Position back through the received message.

The Load Lab service accepts requests to load patient laboratory results and loads them into C3D. This service will accepts groups of records in a single request, validates the data for completeness, prepares the data for processing, and submits the data to the C3D Lab Loader for final processing and loading. This service runs asynchronously.

Installation of the caBIG® Clinical Connector is covered in Chapter 13 of the caBIG® Clinical Trials Suite 2.0 Installation Guide.

# Introduction

## Overview

The caBIG® Clinical Connector Release Notes relate the current condition and any known issues impeding the usability of the Clinical Connector for this specific release.

## Related Documentation

Additional information on the C3D Connector can be found in the following documents:

* caBIG® Clinical Connector Installation Guide
* caBIG® Clinical Connector Administrator's Guide

## Software Compatibility

The Clinical Connector, v2.1 has been tested and compatible with the following:

* Oracle 9.2.0.7
* Oracle Client 8.0.6
* Oracle Clinical (CDMS) 4.5.1 or higher
* TomCat 5.5.27
* JDK v1.5.0\_10
* caGrid v1.3

## Installation and Configuration Notes

For the latest information related to installation and configuration, please refer to the “Clinical Connector Installation Guide” and “Clinical Connector Administrator's Guide”.

# Software Details

## Existing Features

* Provides grid service for registering Patients into C3D Studies.
* Provides grid service for loading Laboratory Test Results to C3D Studies.
* Leverages Oracle Clinical Data Capture APIs for patient data loading.
* Configurable e-mail alerts sent to support personnel when asynchronous processing encounters problems.
* Installation is BDA compliant.
* Processing errors during patient data replication are handled, logged and cleared.

## NEW FEATURES THIS RELEASE v2.1

* caGrid Authentication security now supported.
* CSM Authorization Security implemented.
* BDA Installation script now supports command-line database password parameter.
* Improved happy.jsp with new smoke tests and security support.

## Release Information

Software Version: v2.1

Release Date: March 2010

# Known Issues

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| ***GFORGE ID*** | ***DESCRIPTION*** |
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The following table contains the major known issues identified during testing. These issues have been logged into GForge along with other minor ones.

# Known Limitations

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| --- | --- |
| Number | Description |
| 1 | Patient Id (MRN) that are not numeric will need additional processing by the AutoLoader in order for it to be loaded in the CDMS. |
| 2 | Studies designed using multiple occurrences of a data element (CDE Id) within the study will cause the data to not load.  This is a known limitation of the DCAPIs, due to the need for addition context data that is not provided via the Patient Registration Service. |
| 3 | Patient data will not load to data collection instruments (DCI) within C3D where there exists a mandatory data element on the DCI.  The data load transaction will be ignored. |