SUN SEEBEYOND

# eINDEX™ SINGLE PATIENT VIEW RELEASE NOTES

**Release 5.1.1**

Sun microsystems

Version 20060623174450

# Contents

Chapter 1

# Introduction

This chapter provides an overview of this guide and the conventions used throughout, as well as a list of supporting documents and information about using this guide.

**What's in This Chapter**



## 1.1 Overview

Release 5.1.0 of the Sun SeeBeyond eIndex™ Single Patient View (eIndex SPV) provided enhancements to help you create a more configurable and flexible master person index. Release 5.1.1 provides additional enhancements in performance, standardization, and database support. This release of eIndex SPV is tightly integrated with the Sun Java Composite Application Platform Suite (CAPS) version 5.1.1.

### 1.1.1 Where to Find More Information

The complete set of eIndex SPV and Java CAPS documentation can be uploaded to the Repository and then accessed from the Documentation tab of the Java Composite Application Platform Suite Installer. These guides are provided in PDF and HTML format. In addition, Enterprise Designer and Enterprise Data Manager (EDM) include online help, and the eIndex SPV API is documented in a set of Javadocs.

## 1.2 About This Document

This document summarizes new features and changes to eIndex SPV since release 5.1.0., including performance improvements, standardization improvements, added support for Oracle 10*g*, and general maintenance fixes.

### 1.2.1 What's in This Document

This guide is divided into the chapters that cover the topics shown below.

- **Chapter 1 "Introduction"** gives a general preview of this document—its purpose, scope, and organization—and provides sources of additional information.
- **Chapter 2 "What's New in This Release"** provides information about the changes made to eIndex SPV for this release.

### 1.2.2 Scope

This guide provides information about the changes made to eIndex SPV, including navigational information, functional instructions, and background information where required.

This guide does not include information or instructions on upgrading an existing eIndex SPV application or working with Project components or the EDM. These topics are covered in the appropriate guide (for more information, see **"Related Documents" on page 6**).

### 1.2.3 Intended Audience

Any user who upgrades eIndex SPV or works with any of the components of eIndex SPV should read this guide. A thorough knowledge of eIndex SPV is not needed to understand this guide, but a general understanding is helpful. It is presumed that the reader of this guide is familiar with the eGate environment and GUIs, eGate projects, Oracle database administration, and the operating system(s) on which eGate and the index database run. Readers who will update the configuration of the master index should also be familiar with XML documents, the SQL scripting language, and Java.

### 1.2.4 Text Conventions

The following conventions are observed throughout this document.

**Table 1** Text Conventions

| Text Convention | Used For | Examples |
|---|---|---|
| **Bold** | Names of buttons, files, icons, parameters, variables, methods, menus, and objects | ▪ Click **OK**.<br>▪ On the **File** menu, click **Exit**.<br>▪ Select the **eGate.sar** file. |
| `Monospaced` | Command line arguments, code samples; variables are shown in ***bold italic*** | `java -jar filename.jar` |
| **Blue bold** | Hypertext links within document | See **Text Conventions** on page 5 |
| Blue underlined | Hypertext links for Web addresses (URLs) or email addresses | http://www.sun.com |

### 1.2.5 Screenshots

Depending on what products you have installed and how they are configured, the screenshots in this document may differ from what you see on your system.

## 1.3 Related Documents

Sun has developed a suite of user's guides and related publications that are distributed in an electronic library. The following documents might provide information useful in understanding and working with eIndex SPV. In addition, complete documentation of the eIndex SPV Java API is provided in Javadoc format.

- *Sun SeeBeyond eIndex Single Patient View User's Guide*
- *Sun SeeBeyond eIndex Single Patient View Configuration Guide*
- *Sun SeeBeyond eIndex Single Patient View Reference Guide*
- *Sun SeeBeyond eIndex SPV Enterprise Data Manager User's Guide*
- *Implementing the Sun SeeBeyond Match Engine with eIndex SPV*
- *Sun SeeBeyond eIndex Single Patient View Upgrade Guide*
- *Sun SeeBeyond eIndex Single Patient View Reporting Guide*

## 1.4 Sun Microsystems, Inc. Web Site

The Sun Microsystems web site is your best source for up-to-the-minute product news and technical support information. The site's URL is:

http://www.sun.com

## 1.5 Documentation Feedback

We appreciate your feedback. Please send any comments or suggestions regarding this document to:

CAPS_docsfeedback@sun.com

Chapter 2

# What's New in This Release

This release provides enhanced performance for eIndex SPV applications, along with support for Oracle 10*g*, general maintenance fixes, and enhancements to the Sun SeeBeyond Match Engine. This chapter describes the changes provided in this release of eIndex SPV. For detailed information on how to upgrade to this release, see the *Sun SeeBeyond eIndex Single Patient View Upgrade Guide*.

**What's in This Chapter**



## 2.1 System Changes

Changes were made to the system requirements for eIndex SPV for this release. This section describes those changes.

### Operating Systems

For this release, no changes were made to the operating systems on which eIndex SPV can run. The eIndex SPV **Readme.txt** file (located in the **eIndexDocs.sar** file) contains the most up-to-date information for the supported platforms.

### Java CAPS Suite Product Requirements

eIndex SPV 5.1.1 requires the software listed below from Sun.

- eGate Integrator 5.1.1
- File eWay 5.1.1 (to install the Projects)
- Oracle eWay 5.1.1
- eView Studio (5.1.1)
- eInsight Business Process Manager 5.1.1 (only if using the eInsight client Project)

### Database Platforms

The previous release of eIndex SPV only supported the Oracle 9*i* database. This release supports both Oracle 9*i* and 10*g* databases. For more information about upgrading to Oracle 10*g*, see the appropriate Oracle documentation.

### Installation and Upgrade Process

For information about installing eIndex SPV, see the *Sun SeeBeyond eIndex Single Patient View User's Guide*. For information about upgrading from version 5.0.5 or 5.1.0, see the *Sun SeeBeyond eIndex Single Patient View Upgrade Guide*. For information about upgrading from version 4.5.3, see the *Sun SeeBeyond eIndex Single Patient View Upgrade Guide*, version 5.0.5.

## 2.2 Sun SeeBeyond Match Engine

For this release, changes were made to the United States first name file (**personFirstNameUS.dat**) for improved standardization specific to United States names. For information about loading the new files into existing Projects, see the *Sun SeeBeyond eIndex Single Patient View Upgrade Guide*.

## 2.3 Running Database Scripts

For this release the database scripts did not change, but if eIndex SPV is running on an Oracle 10g database, the Drop Database script does not completely remove the eIndex SPV database tables. The script moves the tables to the database's recycle bin, which must be purged in order to completely remove the tables. After running the Drop Database script, the following command must be run to completely remove the eIndex SPV tables (this command removes ALL tables from the recycle bin, not just the eIndex SPV tables).

```
PURGE RECYCLEBIN;
```

## 2.4 Java API

This section describes changes made to the Java API to improve the performance of searching, running reports, and performing concurrent updates to a system record. For more information about implementing any of the new methods or classes, see the *Sun SeeBeyond eIndex Single Patient View Upgrade Guide*. For more information about each method or class, see the Javadocs provided with eIndex SPV.

## MasterController Class

This release provides a new method to update system objects (**updateSystemObject**). This method is similar to the existing **updateSystemObject** method, but it checks the revision number of the SBR in the associated enterprise object before updating a system object. If the revision numbers are different, the update is not performed (a change in SBR revision numbers indicates that the enterprise object was modified by another process while the system object was being updated).

## AssumedMatchIterator and PotentialDuplicateIterator Classes

Two new methods were added to the AssumedMatchIterator class and the PotentialDuplicateIterator class to improve performance when running assumed match and potential duplicate reports. **setReadForwardOnly** specifies whether the records in the current page are cleared from memory when loading the following page in the iterator. **sortSummaryBy** sorts records in the assumed match iterator without loading the records to memory.