# 17 Release Notes - OpenClinica 3.2

OpenClinica 3.2 provides Subject Casebooks for archival purposes with full audit history and Discrepancy Note information. OpenClinica 3.2 also supports more REST APIs for getting and filtering clinical data, updated stack requirements and has vastly improved automated test coverage (almost entirely automated).

Click **here** for the complete change log.

## New

| Feature | Description |
|---|---|
| Printable Subject Casebooks | Print full Subject Casebooks including all provenance data (full audit trails and discrepancy notes). |
| Stack upgrade (updated version of Tomcat and JavaJDK) | OpenClinica 3.2 can now run on Tomcat 7 and Java 7 (Tomcat 6 and Java 6 are still supported). |
| Excel download of Audit logs | Download the audit log to excel from the audit log window. |
| Performance enhancements for Extract Data | Adding indecises has greatly improved performance of extracts (~ 4 - 10x faster based on test results). |

## Changes and Fixes

| Feature | Description |
|---|---|
| i18n enhancements and fixes | |
| Add ordinal (occurrence) to discrepancy note download to CSV | Download of Notes & Discrepancies to Excel now contains ordinals for repeating Events and items in a grid. |
| Fixes to web services | |

## Removed

| Feature | Description |
|---|---|
| Support for Oracle (OpenClinica will no longer be supported on an Oracle database) | |

## Other Links

- Download (OpenClinica.com login required to download)
- OpenClinica Reference Guide
- Installation guides
- If you originally started using OpenClinica with version 2.5 or earlier, your database schema needs attention. Be sure to follow the instructions in issue #15256 and review issue #13424.

## Known Issues

Below is a list of known issues in the 3.2 version of OpenClinica.

- Print CRF Left Item Text HTML will not render

## For Developers

- Component Data Model (with class diagrams)
- Data Model
- Source Code

Approved for publication by Alicia Goodwin. Signed on 2014-06-20 1:46PM

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