



DFcollect Version 5.6.0

Release Notes

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1. Introduction

Overview

DFcollect is a tablet-based application for iOS and Android for online and offline data collection in clinical research. DFcollect Version 5.6.0 is released with DFdiscover 2023 Version 5.6.0. Key updates to DFcollect in this release include:

1. **Overdue visit and missing page queries** are now shown in the subject binder, so it's easy to identify visits and pages that are required but not yet completed.
2. **Missed records** are now supported, including set and unset missed records.
3. Offline support for **lookup tables** has been improved.
4. A new option to view password is added on the login screen.

Full details of changes are covered in the following chapter, [Summary of Changes](#). See the [DFdiscover 2023 Release Notes](#) for details of changes to the server, API, and other client applications.

Supported Devices

DFcollect Version 5.6.0 requires a mobile device (tablet or smartphone) running Android 5.1 and newer, iPadOS 13.1 and newer, or iOS 11 and newer.

Compatibility

The new features in DFcollect Version 5.6.0 are only available when connecting to a DFdiscover server and API Version 5.6.0 or later, as noted in the following chapter. The DFdiscover API available at dfws.dfdiscover.com (the default API server setting used in DFcollect) is upgraded to Version 5.6.0 shortly after release.

If a version of DFcollect will be used that does not match the current DFdiscover server version, ensure that the overall or study specific **Version Strict** setting is **All minor versions supported** in **DFadmin**.

Getting Help

For software support, please contact the DFdiscover team via email at help@dfnetresearch.com or visit the DFnet website at <https://www.dfnetresearch.com>.

2. Summary of Changes

This chapter provides a summary of new features, changes, and bug fixes implemented since the release of Version 5.5.0. The “See details” links below take you to the relevant user guide with further information.

1. On the login page, a new option is available to **view your password** to check for typing errors. Click the eye icon to show your password, click again to hide it. [See details.](#)
2. **Missed records** are now displayed in the subject binder, and support for related edit check functions (dfmissingrecord, dflegal, dflostcode, dflosttext) has been added. Pages may be set or unset as missed (available from the application menu), according to database permissions. While offline, pages may be unset as missed only (not set as missed), and dflostcode and dflosttext edit check functions are not supported. [See details.](#)
 - *Requires DFdiscover server and API 5.6.0 or later*
3. **Missing page and overdue visit queries** are now supported, where records with these queries are now displayed as incomplete in the subject binder, and support for edit check function dfanympqc. Edit check functions dfaddmpqc and dfdelmpqc are not yet supported but will be added in a future release.
 - *Requires DFdiscover server and API 5.6.0 or later*
4. Offline support for edit check **lookup tables** has been improved. Previously, edit check lookup tables were only available offline if they had been used while online. They are now loaded with other study setup information, except for lookup tables with file size 40 MB or larger, which cannot be used in DFcollect. Studies with large lookup tables or many lookup tables may notice a slightly longer loading time when opening a study online.
 - *Requires DFdiscover server and API 5.6.0 or later*
5. DFcollect displays the **API server version** in the About dialog after login to help with troubleshooting.
6. The following bugs have been fixed:
 - a. Incorrect dflookup result for LUT with multiple fields and no headers.
 - b. In some cases, the reasons lookup table dialog would not open on iOS.
 - c. Issue with dftrigger actions 1-5 on plate exit.

- d. Record History dialog displayed the subject ID incorrectly in some cases.
- e. Grouped fields with instructions did not always display correctly, and extra padding was added to instructions on some fields.
- f. In some cases, users were prompted to provide a reason when changing a choice field from a blank value to a value when it was not required.
- g. Missing category queries applied via edit check to a field with a data value were incorrectly auto-resolved.
- h. When using Validate working mode, edit checks were not able to set a data value.
- i. For offline data with sync conflicts where the local values are selected, the conflict resolution reason has been updated to include the user-defined reason if it exists.
- j. When syncing offline data, in some cases a sync conflict was identified when there was no conflict.
- k. The Storage & Syncing page sync progress dialog did not show the correct information or became unresponsive when syncing data records with conflicts or locked by another user.
- l. Several issues with syncing offline data when setup changes were made after data was downloaded have been fixed.
- m. Offline changes to new records were not allowed for users without modify level 0 permissions.
- n. In some cases, DFcollect displayed an incorrect, cached version of the studies list.
- o. For users without hidden field permissions, edit checks applied to hidden fields may have fired while continuing to work on a CRF immediately after saving it.

3. Known Issues

1. DFcollect only supports lookup tables with a file size below 40 MB. Lookup tables larger than 40 MB in size cannot be loaded or used in DFcollect.
2. In offline mode, when new records are created (including those with overdue visit or missing page queries), they are saved to level 1 using default permissions when plates are not previously downloaded. We recommend that users creating data records always have write level 1 permissions.
3. When accessed from the Sites page, Query View may not update after CRFs have been modified. As a workaround, access Query View from the Subjects page to see the most up to date queries.
4. If the dftrigger edit check function references a page that is not defined in the visit map, the defined action fails and returns 0.
5. On small mobile displays on CRFs with instructions defined, the instructions and prompt may overlap. As a workaround, switch to landscape mode to view the text without overlap.
6. In DFexplore, missing page and overdue visit queries are not displayed in the subject binder for users without get level 0 access. However, in DFcollect, missing page and overdue visit queries are displayed in the subject binder.

4. Installation

Installation

DFcollect is available for installation from the Google Play Store on Android and from the Apple App Store on iOS and iPadOS.

If auto-update is enabled for DFcollect on the device, DFcollect will update automatically as new versions are released. If auto-update is disabled, users will need to manually update DFcollect to use newer versions.

Configuration

Before a user can login to DFcollect, the DFdiscover server they are connecting to must have the DFWS feature enabled in the license. In addition, DFcollect users require the following study role permissions (defined in DFadmin) for features to function:

- 'API Clients – DFcollect' permission is required to login to the study.
- 'Server – Attach Document' permission is required to attach documents to CRFs.
- 'DFdiscover Reports – DF_TaskSummary' permission is required to view tasks.