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FirstClass Division Product Bulletin

Title: FirstClass Application Services 3.2 Release
Bulletin Number: 208
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Audience

This Product Bulletin is intended for distribution to FirstClass Division's installed base administrators, Customer Support Center team, Business Development Center team, Account Managers, and Channel Partners.

Description

This is an announcement of the general availability (GA) of FirstClass Application Services 3.2 (FCAS 3.2) for Windows, Mac OS X, and Linux platforms. FirstClass 8.3 server Build 400 or 9.0 server Build 542 is the minimum system requirement.

The new product versions are:

- FirstClass Application Services 3.2 Build 3243 for Windows
- FirstClass Application Services 3.2 Build 3243 for Mac OS X
- FirstClass Application Services 3.2 Build 3243 for Linux

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Availability

FirstClass Application Services 3.2 is available for immediate download, to customers who have a valid maintenance and support contract, from the FirstClass online server FCOL (fc.firstclass.com) at:

Conferences/Downloads/FirstClass 9 Product Updates/FC9 FCAS Updates/

Please review the "ReadMe First!" text thoroughly, before proceeding with the software installation.

To renew or purchase your M&S contract, please contact your regional Sales Support Center listed at the end of this bulletin.

FirstClass Application Services

FirstClass Application Services is a protocol module that connects to your FirstClass server via a gateway, like Internet Services or Voice Services. Using FCAS, you can extend the functionality of FirstClass by building applications that are then stored on the server machine.

FCAS starts when the server is started, and stops when the server is shut down. FCAS applications can access the resources and databases available on the server without requiring their installation or configuration on client machines.

Developing an FCAS application once makes it available on all supported FirstClass platforms. FCAS can run in a distributed environment. This allows you to run FCAS on a dedicated computer or, if required for high load sites, as a clustered service.

The development environment can be launched by anyone who is given a copy of the FCAS application, and can be used from any FirstClass client.

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New Product Features and Enhancements

- Performance has been enhanced since FCAS 3.1. High scale sites will experience better performance per application with large numbers of instances running.

- Added support for multiple character delimiters in StrSplit to match StrToken.
- Added GetItemNumber editable list method.
- Automatically expand box arrays for indexes out of range.

- Added support for .Attachment for ServerFiles.
- Added length check to ServerFile filename and increased filename length.
- Added protected file deletion to ServerFile.Delete.
- Enhanced ServerFile FindFirst/FindNext extended character support.
- Fixed crash on consecutive reads on a ServerFile when a new file of smaller size is opened.
- Fixed multiple ServerFile attachments to a single EMail object.
- Fixed possible crash on a mangled path passed to ServerFile.Delete.
- Fix for leaked objects on ServerFile.Type(Path).
- Corrected ServerFile translation of document bodies on fetch to match assignment translation.
- Corrected a crash when ServerFile.OpenFile was called in fcAppend mode with a bad path.
- Corrected ServerFile delete and openfile to avoid multiple cached items of the same name.
- Fixed fcReadWrite ServerFile replacement of existing files (Profiles).
- Corrected ServerFile.OpenFile update/deletion bug (affects Profiles).
- Fixed ServerFile open deletion of a parent container.
- Fixed return of a ServerFile as a file in message attachments.
- Fix for missing filename attributes on opened ServerFiles used in message attachments.

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- All open objects are now closed on a ServerFile.closefile.
- Fixed some cases of string setting in ServerFiles.

- Fix for form hiding issues (RAD.fcx, etc.).
- Fix app hang when multiple form open/close actions are executed before first server response.
- Fixed a possible crash on form termination.
- Fixed redisplay of forms that have been hidden.
- Fixed reported crash on packets from a closed form.

- Fixed missing BCC entries on EMail objects.
- Fixed a crash on multiple to/cc/bcc attachments above 10.
- Fixed E-Mail delivery 1005 issue.

- Fixed client login application launch when the server is restarted but FCAS is not.
- Suppress error dialogs for Login applications.
- Fixed two timing conditions which could cause hung apprecords on login apps.

- Fix for crash on long strings as parameters to Val() command.
- Prevent console line/debug window on Debug = TRUE.
- Optimized string concatenation operations for faster string handling and Replace() command on large strings.
- Prevented code execution until after Declarations are complete.
- Fixed potential crash on zero-length bodies.
- Corrected return of final item in a 799-byte static list.
- Fix for bad translation of >800 character list parts.
- Replaced missing unload events on frm.hide.
- Fixed a spurious syntax error on File.Position.
- Fixed stack overwrite on long console logging.
- Corrected handling of decimal delimiters on the Val command.
- Reduced end of transaction delay to prevent a RAD.fcx error.
- Fixed negative return from GetItemNumber when label numbers are provided.
- Removed spaces from all default control names.

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- Corrected a problem with caption-based controls not correctly updating the listcount.
- Corrected mangled names on some built applications.
- Fix for infinite loop on comments after End Sub/Function lines.
- Fixed an issue which could cause hung processes with no console.
- Fixed a timing related crash on getting CID.
- Fixed a crash when improper delimiters are used to parse stats.
- Corrected stat event timestamps for timezone.
- Corrected flipping of stat event parts.
- Fixed indexed text data.
- Fixed memory leak if a login app is removed while the server is still in login app mode.
- Fixed a crash when a goto jumped out of a select.
- Corrected caching of deleted containers.
- File Exists will ignore deleted.
- Applications sessions no longer stick when many applications are closed by a logout.
- Fixed 8000-byte memory leak in non-debug applications using the debug command.
- Support for longer names on CreateFile.
- Corrected new file creation timing on fcReadWrite.

- Fixed spurious error on date translation from string.
- Corrected translation of long text fields.
- Corrected default charset for FC<->HTML translation.
- Update to fix <div> in tables on FC<->HTML conversion.
- Fixed translation of filenames for FCX files.
- Corrected 8.3 character translation on MacRoman 8.3 server/client combos when translating from Unicode in client emulation mode.
- Corrected handling of translation against 8.3 MacRoman servers in UTF backwards translation mode.

- Fixed project creation with UTF8 characters.
- Fixed translation of the startupstring.
- Enhanced UCase function to work on extended characters.
- Enhanced LCase function to work on extended characters.

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- Corrected handling of literal decimal assignments in Danish localized environments.
- Fixed DateValue to obey localized day/month order.
- Fixed crash on some 64k+ unicode translations.

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Contact Information

<u>**Sales**</u>

To purchase a FirstClass product or user licenses, please contact our Sales Department.

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<u>**Sales Support**</u>

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