Test Workflows for v1-6

Overview

The following provides a list of considerations and test workflows (both automated and manual) for and during client-side workflow testing of the local configuration and functionality of FileSender prior to the 1.6 release. See Test_Workflows for links to details of tests conducted for other releases. See Automated_Workflow_Tests for details of workflow test automation.

These tests are based primarily on tests conducted by Wendy Mason. Contributions to these workflows also provided by Xander Jansen.

Please note that these test workflows may not represent an exhaustive list of all possible user actions. Also, some aspects of these workflows may become no longer applicable as FileSender develops. If you find anything incorrect, please advise, or correct it yourself if you have access.

Some related tickets from the 1.6 releases (only) are listed throughout for context. Other related tickets from the 1.6 releases include #637, #871, #904, #949, #963, #965, #966 and #969.

Versions Tested

FileSender release	Installation	Testing status	Tests (to be) conducted	HTML5 or Flash?	OS	Browser	Flash Player version	(To be) conducted by
1.6-beta-1	Terasender on	Complete	Basic functionality test (fully automated); all applicable to HTML5 case, except for over 2GB (mostly automated)	HTML5	Mac OSX 10.6.8	Firefox 25.0.1	N/A	Wendy Mason
		Complete	Basic functionality test, plus resending, adding recipients and deleting files and vouchers (only)	HTML5	Windows 7	IE11	N/A	Wendy Mason

(partly
automated)

	Status	Test	Tech	OS	Browser	Version	Tester
	Complete	Basic functionality test (partly automated); all applicable to Flash case (excludes over 2G) (partly automated)	Flash	Mac OSX 10.6.8	Safari 5.1.10	11.9.900.170	Wendy Mason
Terasender off	Complete	Over 2 GB (only)	HTML5	Windows 7 SP1	Firefox 26.0	N/A	Xander Jansen
	Complete	Basic functionality test (only) (fully automated)	HTML5	Mac OSX 10.6.8	Firefox 25.0.1	N/A	Wendy Mason
	Complete	Basic functionality test (only) (partly automated)	HTML5	Windows 7	IE11	N/A	Wendy Mason
	Complete	Basic functionality test (only) (partly automated)	Flash	Mac OSX 10.6.8	Safari 5.1.10	11.9.900.170	Wendy Mason
	Complete	Over 2 GB (only)	HTML5	Windows 7 SP1	Firefox 26.0	N/A	Xander Jansen

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-- Basic Functionality Test --

- basic_functionality_testsuite.html
- conducted periodically during development and prior to full workflow testing; excludes verifying most fields and text.

-- Notes --

- **Manual steps** are described below in blue italicised font.
- **Each upload and download workflow is conducted twice:** once for a file uploaded as an authenticated user (logoff after each authenticated upload workflow), repeated for a file uploaded using a voucher.
- **Note about voucher recipient email addresses:** For voucher uploads, a recipient email addresses different from that of the authenticated voucher issuer and voucher recipient(s) is used for testing bcc email to the voucher issuer (bcc of each email is sent

to voucher issuer in addition to voucher recipient and uploaded file recipients).

-- Extra steps --

- **Clear browser cache before starting tests**
- **Help and About:** before and after logon, verify that all links work in Help and About.
- **Tooltips:** verify tooltips for email recipient fields, for upload (authenticated and using a voucher), adding a new recipient and issuing a voucher.
- **My Files check:** Repeat one voucher upload scenario when logged off, and again logged in as another user (i.e. other than the user who issued the voucher) to ensure that files appear in voucher issuer's "My Files" table.
- **Add new recipient check:** For one test when adding a new recipient, enter / modify all fields, click on cancel, then verify that all fields have reset (to that described in tests) when trying to add a new recipient again.
- **Voucher deletion permission check:** Load one voucher url as [...]? s=vouchers&a=del&id=[voucherid] when logged on as another user, to verify that a user cannot delete another user's voucher - message should appear *"You do not have permission to do this."*.
- **Invalid expiry date check:** For file uploads (authenticated and using a voucher), adding a recipient and issuing a voucher, try entering an invalid expiry date "0000" - message should appears *"Invalid expiry Date"*. Also try manually typing in an expiry date earlier than the minimum and later than the maximum.
- **Invalid voucher check:** Add download.php before the ? in the url of emailed but expired voucher and file download URLs (from authenticated upload and upload using a voucher) - message should appear *"This Voucher is no longer Valid. Please contact the person that issued this voucher"*, on a standard logon page when not logged on, or on a green background when logged on [#904].
- **Logoff checks:** On one occassion, logon, open a second FileSender tab in your browser, then logoff in one - if you refresh the tab in which you did not logoff, verify that you are logged out and are presented with the logon screen; in the tab you logged out in, click on the "Back" button in your browser - verify that are you still logged out, and are presented with the logon screen. Also try logging off then logging on from the logoff screen.
- **AUP check:** logon, upload a file, log off and back on (during the same browser session), verify that AUP box is no longer checked [#1023].
- **Characters in email subject check:** if email client does not preserve all 'dangerous' characters (such as html codes), verify these in another client, for upload (authenticated and using a voucher), resend email, adding a new recipient, downloading a file and voucher and file deletion.
- **Keyboard keys and popup checks:** Compare the behaviour of Esc, Return and Space keys and clicking on "X", "No" and "Cancel" buttons (where applicable) for: Logon (before logging on and after logging off) / Upload / Guest Voucher / My Files pages; Help and About (before and after logon); Upload progress popup (authenticated and using voucher); "Cancel upload" popup when canceling upload (authenticated and using voucher); Re-Send Email / Add new recipient / Delete File / Delete Voucher popups
- **Extra manual steps:** verify recipient email address autocomplete (authenticated upload, upload using a voucher, issuing a voucher and adding a recipient); verify "No file selected" [Firefox only] prior to selecting a file to upload (authenticated upload and upload using a voucher); verify download status in MyFiles (for downloads directly from table and from emails) [#597]; verify alternating MyFiles row colour [#933], heading formatting [#987] and message formatting [#964]; verify sender and recipient email addresses in MyFiles and Guest Voucher tables; try clicking on "Send" and "Send

Voucher" multiple times when adding recipient and issuing Guest Voucher.

-- Browser Flash plugin, Javascript settings, HTML5 detection and https verification --

- *clear browser cache*
- *disable Flash plugin and restart browser **[leave disabled for HTML5 case**]*
- ***[Flash case only]:** load FileSender logon page and logon, prompt should appear "This application requires Flash for uploading files. To install Flash Player go to www.adobe.com." with a hyperlink to www.adobe.com. Logoff, re-enable Flash plugin and restart browser*
- *disable Javascript in browser*
- *load FileSender logon page again, prompt should appear "JavaScript is turned off in your web browser. This application will not run without Javascript enabled in your web browser."*
- *re-enable Javascript (no need to restart browser)*
- *load FileSender logon page again*
- *verify that page cannot be reached by http (before and after logon) - should be accessible via https only*
- *verify that the correct "HTML5 [tick]" or "HTML5 X" icon is displayed, which indicates whether the browser (version) does support HTML5 (HTML5 case) or does not (Flash case)*

-- Issue Vouchers (authenticated) --

- voucher_issue_singlerecipient_tomorrowexpiry_testsuite.html

- **Test suite includes:** verify but leave "To" field blank;custom "Subject" and "Message" fields with: <tag> text &'"></?\n'"; select expiry date tomorrow; enter one recipient email address (only) in the "Send Vouchers To" field

- *save the email for the voucher set to expire on the next calendar day, for later verification (see end)*
- [Related tickets: #637, #963]

-- Uploads (authenticated and using a voucher) and downloads --

ASCII file upload, single recipient, default field contents

- ASCII_singlerecipient_defaultfields_HTML5_testsuite.html
- ASCII_singlerecipient_defaultfields_HTML5_voucher_testsuite.html
- ASCII_singlerecipient_defaultfields_Flash_testsuite.html
- ASCII_singlerecipient_defaultfields_Flash_voucher_testsuite.html

- **Test suites include:** verify but leave "To" field blank; verify, but leave "Subject" and "Message" fields blank or default to verify defaults in email; verify expiry date field, but leave as default to verify in email; verify "I accept the terms and conditions of this service" AUP box and that it is not checked, but do not check box; select files with no file extension, invalid characters (HTML5 only), zero KB, .bat file, .exe file, .ex file, 2 GB (and 1 MB below), 4 GB (and 1 MB below), 5 GB, over 5 GB; upload small ASCII text file; enter one recipient email address (only) in the "To" field and check AUP box

Notes on expected email recipient logic:

	Upload			Download		
	Sender / cc	Recipient	Bcc	Sender / cc	Recipient	Bcc
email1 upload file to email3	email1	email3	-	email3	email1	-
email1 issue voucher to email2	email1	email2	-	-	-	-
email2 upload file to email3 using voucher issued by email1	email2	email3	email1	email3	email2	email1

- *click on the filename in the "My Files" table of uploaded ASCII file to download the file; verify that file can be opened*
- *click on link in the "My File"s table again to verify that the file can be downloaded more than once*
- *verify contents of upload notification email (no need to download file again), includingthat (empty) message field is not displayed in email*
- **Using Voucher only:** verify that the used voucher has been deleted from the Voucher list

ASCII file upload, multiple senders, single recipient, default field contents

- ASCII_singlerecipient_defaultfields_multisender_testsuite.html
- ASCII_singlerecipient_defaultfields_multisender_voucher_testsuite.html
- **Test suites include:**enter one recipient email address (only) in the "To" field; verify, but leave "Subject" and "Message" fields blank to verify defaults in email; verify expiry date field, but leave as default to verify in email; select small ASCII text file with single quote in filename; check AUP box

Notes on expected email recipient logic:

	Upload			Download		
	Sender / cc	Recipient	Bcc	Sender / cc	Recipient	Bcc
email4 upload file to email3	email4	email3	-	email3	email4	-
email5 upload file to email3	email5	email3	-	email3	email5	-
email4 issue voucher to email2	email4	email2	-	-	-	-
email5 issue voucher to email2	email5	email2	-	-	-	-
email2 upload file to email3 using voucher issued by email4	email2	email3	email4	email3	email2	email4
email2 upload file to email3 using voucher issued by email5	email2	email3	email5	email3	email2	email5

- *autocomplete recipient email address(es)*
- *verify that the downloaded file can be opened*
- **Using Voucher only:** *verify that the used voucher has been deleted from the Voucher list*
- *[Related tickets: #184, #821, #895, #949]*

Cancel and restart (Flash) or resume (HTML5) authenticated upload, single recipient, custom field contents

- ASCII_singlerecipient_defaultfields_cancelresume_testsuite.html
- ASCII_singlerecipient_defaultfields_cancelresume_voucher_testsuite.html

- **Test suites include:** enter one recipient email address (only) in the "To" field; custom "Subject" and "Message" fields with: <tag> text &"></?\n"'; select expiry date as the next calendar day (for testing automatic file deletion); select a largish file (~10 MB should be enough); check AUP box; cancel / pause upload; verify that AUP box remains checked from cancelled / paused upload;restart / resume upload; click on "Send" two more times during upload (should only be possible using script); throughout click on "Help" button and verify Help contents, click on HTML5 logo and verify Help contents, click on "About" button and verify About contents

- *** verify that HTML5 upload resumes from where it left off ***
- *save the emails for the files set to expire on the next calendar day, for later verification (see end)*
- *verify that the downloaded file can be opened*
- *compare MD5 / SHA-1 etc. hash for uploaded and downloaded file*
- ***Using Voucher only:*** *verify that the used voucher has been deleted from the Voucher list*
- [Related ticket: #1048]

ISO-8859-1 / non-ISO-8859-1 UTF8 file upload, recipients separated by comma / semi-colon, custom field contents

- ISO-8859-1_tworecipients_comma_customfields_testsuite.html
- ISO-8859-1_tworecipients_comma_customfields_voucher_testsuite.html
- non-ISO-8859-1_tworecipients_semicolon_customfields_testsuite.html
- non-ISO-8859-1_tworecipients_semicolon_customfields_voucher_testsuite.html

- **Test suites include:** enter over the configured maximum number of recipient email addresses, and then two recipient email addresses, in the "To" field separated by ","for ISO-8859-1 case or ";" for non-ISO-8859-1 case; custom "Subject" and "Message" fields, for ISO-8859-1 case: <tag> blåbærsyltetøy &"></?\n"', for non-ISO-8859-1 UTF8 case: <tag> žćčđš &"></?\n"'; select expiry date; select for ISO-8859-1 case:utf8-iso8859-1-çßøp-test.txt, for non-ISO-8859-1 UTF8 case: utf8-latin-extended-a-šřÜŴ-test.txt; check AUP box; click on "Send" button three times in quick succession before progress bar appears

Notes on expected email recipient logic:

	Upload			Download		
	Sender / cc	Recipient	Bcc	Sender / cc	Recipient	Bcc
email1 upload file to email3 and email4	email1	email3, email4	-	email3	email1	-
email1 issue voucher to email2 and email5	email1	email2, email5	-	-	-	-
email2 upload file to email3 and email4 using voucher issued by email1	email2	email3, email4	email1	email3	email2	email1

- *verify that the downloaded file can be opened*
- *verify that any non-ASCII characters (ISO-8859-1 / non-ISO-8859-1 UTF8 files) are preserved in the filename*
- ***Using Voucher only:*** *verify that the used voucher has been deleted from the Voucher list*
- [Related tickets: #637 and #963]

Large file upload over 2 GB, single recipient, default field contents (HTML5 only)

- over2GB_singlerecipient_defaultfields_HTML5_testsuite.html
- over2GB_singlerecipient_defaultfields_HTML5_voucher_testsuite.html

- **Test suites include:** enter one recipient email address (only) in the "To" field; verify, but leave "Subject"

and "Message" fields blank to verify defaults in email; select expiry date; select a file over 2 GB; check AUP box

- *verify that (empty) message field is not displayed in email*
- *verify that the downloaded file can be opened*
- *compare MD5 / SHA-1 etc. hash for uploaded and downloaded file*
- **Using Voucher only:** *verify that the used voucher has been deleted from the Voucher list*

-- Re-Send New Email (authenticated) --

Re-Send New Email, ASCII, single recipient, custom field contents

- *click on "My Files" button*
- *next to the entry for the authenticated ASCII file upload, click on "Re-Send Email" button on the left - a prompt should appear "Re-send Email. Are you sure you want to re-send this email?", click on "No" button, view should return to table*
- *click on "Re-Send Email" button again, click on "Yes" button, another prompt should appear "Message Re-sent"*
- *verify receipt of email to both sender and recipient(s)*
- *repeat for the entry for the ASCII file uploaded using a voucher*

-- Add New Recipient (authenticated) --

Add New Recipient, ASCII, single recipient, custom field contents

- addrecipient_ASCII_singlerecipient_customfields_testsuite.html

- **Test suite includes:** verify but leave "To" field blank; enter custom subject and message: <tag> text &'"></?\n'"; verify that expiry date is the default; verify that file and size are correct

- *click on "My Files" button*
- *click on "Add New Recipient" button to the left of uploaded ASCII file entry - a popup should appear "Add new recipient"*
- *verify file is listed in "My Files" table for new recipient and that details are displayed correctly*
- *verify receipt of notification email to sender and recipient, and that the content matches the input*

Add New Recipient, ISO-8859-1 / non-ISO-8859-1 UTF8, two recipients separated by comma / semi-colon, custom field contents

- addrecipient_ISO-8859-1_tworecipients_comma_customfields_testsuite.html
- addrecipient_non-ISO-8859-1_tworecipients_semicolon_customfields_testsuite.html

- **Test suites include:** enter over the configured maximum number of recipient email addresses, and then two recipient email addresses, in the "To" field separated by ","for ISO-8859-1 case or ";" for non-ISO-8859-1 case; verify that the default "Subject" and "Message" are the same as original email, for ISO-8859-1 case: <tag> blåbærsyltetøy &'"></?\n'", for non-ISO-8859-1 UTF8 case: <tag> žćčdš &'"></?\n'"; select a different expiry date; verify that file and size are correct

- *click on "My Files" button*
- *next to the relevant uploaded file entry, click on "Add New Recipient" button on the left - a popup should appear "Add new recipient"*
- *verify file is listed in "My Files" table for each recipient and that details are displayed correctly*

- *verify receipt of notification email to sender and recipients, and that the content matches the input*

Add New Recipient, ASCII file upload, alternative senders, single recipient, default field contents

- addrecipient_ASCII_singlerecipient_multisender_email4.html
- addrecipient_ASCII_singlerecipient_multisender_email5.html

- **Test suites include:** enter one recipient email address (only) in the "To" field; enter custom subject and message:\<tag\> text &"\>\</?\n"; verify that expiry date is the default; verify that file and size are correct

- *click on "My Files" button*
- *next to the relevant uploaded file entry, click on "Add New Recipient" button on the left - a popup should appear "Add new recipient"*
- *verify file is listed in "My Files" table for each recipient and that details are displayed correctly*
- *verify receipt of notification email to sender and recipients, and that the content matches the input*

-- Delete File (authenticated) --

- *click on "My Files" button*
- *next to the entry for an authenticated upload file, click on "Delete" button on the right - a prompt should appear "Delete File. Are you sure you want to delete this File?" - click on "No" button, file should remain in table*
- *click on "Delete" button again and click on "Yes" button - file should disappear from table - message should appear "This file has been deleted."*
- *verify that an email is sent to uploader and recipient(s) advising that the file "has been deleted and is no longer available for download"*
- *verify that the file can no longer be accessed - message should appear "This file has been deleted."*
- ***repeat** for a file uploaded using a voucher and verify email advice*

-- Delete Voucher (authenticated) --

- *click on "Vouchers" button*
- *next to the last voucher that was issued (which may now be the only voucher listed), click on "Delete" button on the right - a prompt should appear "Delete Voucher. Are you sure you want to delete this voucher?" - click on "No" button, voucher should remain in table*
- *click on "Delete" button again and click on "Yes" button - voucher should disappear from table, message should appear "Voucher Deleted."*
- *verify that deleted voucher is no longer listed in Voucher list*
- *verify that an email is sent to voucher issuer and recipient(s), advising that the "voucher has been cancelled"*
- *click on the email link pertaining to the deleted voucher again, to verify that it can no longer be used - message should appear "This voucher has been cancelled."*

-- Automatic Voucher and File Deletion (next day) --

- *click on the url in the email for the voucher that was set to expire on the next calendar day - message should appear "This voucher has been cancelled."*

- *confirm that corresponding voucher is no longer listed in the "Guest Vouchers" table*
- *click on the urls in the emails for the files (authenticated upload and upload using a voucher) that were set to expire on the next calendar day - message should appear "This file has been deleted."*
- *confirm that corresponding files are no longer listed in the "My Files" table*

My contributions to this project involve client-side workflow testing of FileSender test installations and associated documentation. I am not a developer of FileSender. -- Wendy Mason.