



ROADMAP (27/03/2007) : Plugins and contribution for Mozilla Thunderbird

Category	P	New functionality	Ref	Delivery	FWK	IHM	NSS	Details
Address book	1	Display/edit fields to a contact (local). Just Display fields from LDAP	CO-5 CIA-2	2008-06	X	X		thunderbird's ones + S/Mime certificate
	2	Multi address books and multi fields (and new fields) search	CIA-3	2007-06		X		Modification of UI to create a search wizard in Address Book component
	3	Recipients autocompletion in compose box	CIO-2	2008-06		X		Autocompletion with multi address books. Possibility to set the order in which address books are consulted.
API	1	Sending emails with API (Application Program Interface)	CNG-1	2008-06	X			To implement
	2	If mandatory fields are missing, open the interface	CNO-1	2008-06	X	X		Prefill fields of a new email with informations from the CLI. Set focus on missing mandatory fields.
	3	If an optional field is missing, use default value if there is one	CNO-7	2008-06	X	X		Set default values in a configuration file before Thunderbird deployment.
DSN rfc3464	1	Implementation of DSN rfc3464	CR-9	2007-06	X			To implement https://bugzilla.mozilla.org/show_bug.cgi?id=16241 http://www.mozilla.org/mailnews/specs/receipts/
	2	Update the interface to enable the ask for receipt	CIO-6	2007-06		X		Update the interface to (de)activate the claim for a DSN acknowledgement.
	3	Matching DSN receipt with email	CIR-11	2007-06		X		While receiving DSN receipts, link them with the source email to easily validate email delivery.
Internationalization	1	Enable easy language switch after installation	CIL-1 CIL-3	2008-06		X		Implement an easy way to switch language from the interface like a menu
LDAP	1	Multi directory	CO-1	2007-06	X			Allow read only access to multiple LDAP directories in order to read/search contacts.
MDN rfc2298	1	Implementation of MDN rfc2298	CF-9	2007-06	X			Does thunderbird 's existing implementation conforms to this RFC ?
	2	Update the interface to enable the ask for a receipt	CIO-6	2007-06		X		Update the interface to (de)activate the claim for a MDN receipt.
	3	Update the interface to allow user to reply to a receipt		2007-06		X		Update the interface to ask user to reply (or not)to a claim for an MDN receipt.
	4	Matching MDN receipt with emails	CIR-11	2007-06		X		While receiving MDN receipt, link it with the source email to easily validate email reading.
Message	1	Mandatory fields checking before sending an email	CIO-9	2007-06		X		Set mandatory fields in a configuration file before Thunderbird deployment.
	2	Handling emails formats supported by contacts	CIO-3 CIO-4	2007-06	X	X		Supported formats for a contact will be stored in LDAP directories. To send an email to multiple receivers who support different formats, which solution ? Use Least Common Multiple ? Create a multipart email with the different formats ?
	3	Setting emails size limit depending on their priority	CIO-8	2007-06		X		Set size limits depending on priorities in a configuration file before Thunderbird deployment.
Security	1	Security operations pipelining on messages Triple wrapping (RFC2634 – 1.1)	CIS-2 CIP-2 CIO-6 CS-11	2007-06	X	X	X	Allow the creation of security profiles by defining pipelines of security operations to be applied to emails (Common hashing / crypto algo already in NSS) for example : sign , crypt and sign, sign crypt sign (process to implement) And modify compose box to choice a security strategy Need to implement Feature 14 (http://www.mozilla.org/projects/security/pki/nss/smime/)
	2	SSL and TLS over IMAP4	CS-8	2009-06			X	Fully implemented ?
	3	SSL and TLS over LDAP	CS-13	2009-06			X	Fully implemented ?
	4	SSL and TLS over POP3	CS-12	2009-06			X	Fully implemented ?
	5	SSL and TLS over SMTP	CS-7	2009-06			X	Fully implemented ?
	6	Certificate Revocation List (CRL) import from LDAP	CS-16	2009-06				Need to implement into NSS http://www.mozilla.org/projects/security/pki/nss/tools/crutil.html Or in external plugin?
	7	Enhanced Security Services for S/MIME rfc 2634 Security Label	CS-1	2008-06			X	http://www.mozilla.org/projects/security/pki/nss/smime/ Need to implement Feature list 24.ESS: Security Labels (RFC2634 – 3)
	8	SMINE Rfc extension: return receipt signed	CS-10	2007-06			X	http://www.mozilla.org/projects/security/pki/nss/smime/ Need to implement Feature list 23.ESS: Signed Receipt Requests and Receipts (RFC2634 – 2)
	9	Certificate Revocation List CRL over FTP	CS-18	2010-08			X	Set CRL repository parameters in a configuration file before Thunderbird deployment. Each CRL is stored in a file and the whole files are stored under a specific folder. Or direct into NSS?
SMTP	1	Handling emails priority at the envelope level	CF-11	2008-06	X			To implement
X400 (STANAG 4406)	1	Implementation of protocoles P3 et P7	CR-7	2008-06	X			To implement
	2	Display P772 formatted emails	CIR-3	2009-06		X		To implement
	3	Format emails in P772 format	CR-13	2009-06		X		To implement
	4	Handle BER and PER for P772 format	CR-14	2009-06		X		To implement
XSMTP	1	Implementation of XSMTP headers	CF-7	2007-06		X		To implement 23 couples key/Value specs 1.1 by DGA
	2	Update the interface to allow XSMTP options configuration	CIO-1	2007-06		X		Update the interface to allow the user to type in XSMTP fields for the current email.
	3	Enable emails categorization depending on their source	CIR-7	2007-06		X		Allow user to create filters depending on the XSMTP source of the emails.
	4	Display XSMTP fields	CIR-12	2007-06		X		Update the interface configuration to allow displaying/hiding XSMTP fields (field by field). Update the interface to display/hide XSMTP fields.
	5	Enable emails sorting depending on XSMTP fields	CIR-13	2007-06		X		Allow user to sort emails depending on XSMTP fields.
Protocoles / Formats	1	MIME	CF-1	2007-06	X			RFC fully implemented ?
	2	Internet Message Format	CF-2	2007-06	X			RFC fully implemented ?
	3	SMTP	CR-1	2007-06	X			RFC fully implemented ?
	4	POP3	CR-4	2007-06	X			RFC fully implemented ?
	5	IMAP4	CR-5	2007-06	X			RFC fully implemented ?
	6	ESMTP rfc1869	CR-2	2007-06	X			RFC fully implemented ?
Profile management		Add Military / Civilian profile switch	CIC-1 CIC-2	2007-06		X		Military profile can edit (in sendBox) and view (in Inbox) XSMTP fields. Civilian cannot