
Kairos Project

[MAIL]

MILESTONE 1

Technical Design Specification

DOCUMENT INFORMATION AND APPROVALS

VERSION HISTORY			
Version #	Date	Revised By	Reason for change
1.0	04/16/11	Vincent Richomme	First version

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1.0 OVERVIEW

This document describes the features available in the next milestone of the webmail module.
This milestone will focus on UI to allow to implement all functionalities in the next delivery only simple Imap actions will be implemented (rename, delete, move, mark as read/unread)

2.0 FEATURES

2.1 UI Design

2.1.1 Disable mouse multi-selection for email headers table

The selection done by clicking and **holding** the **left mouse button** for the email headers must be removed. It shouldn't be possible to select multiple emails like this. The only way to select multiple emails is to use Ctrl/Cmd + A or use key combination Control or Shift + Mouse.

2.1.2 Allow to select all emails by using Ctrl/Cmd + A

It should be possible to select all emails by using the key combination Cmd+A (MacOS), Control+A (Other system)

2.1.3 Scrolling with mouse should display entire row (constrained scrolling)

When scrolling the emails view with the mouse wheel, scrolling should display rows line by line.

Hints :

<http://stackoverflow.com/questions/1434991/scrolling-in-nstableview>

<http://developer.apple.com/library/mac/#documentation/Cocoa/Conceptual/NSScrollViewGuide/Articles/Scrolling.html>

2.1.4 Allow contextual menu

2.1.4.1 Context menu for folders

When selecting a folder right mouse click should display a contextual menu with the following items :

- New folder
- Rename

- Move
- Delete
- Mark all as read

Menu items in italic should be disabled when selected folder is a standard one (Inbox, sent, Drafts,...) and allowed for custom ones (folders below Others).

2.1.4.2 Context menu for emails

When selecting an email, right mouse click on it should display a contextual menu with the following items:

- Reply
- Reply All
- Forward
- Mark as Read
- Mark as Unread
- Delete

2.1.5 Specify a minimum size for the left panel (folders)

The left panel should have a minimum size to prevent it from being completely hidden.

2.1.6 Switch Orientation button

The switch Orientation button used to change the read pane location should be removed and replaced by a menu entry inside View menu:

View
Reading pane->Right
 Below
 Hidden

2.1.7 Custom header's view when reading pane is on the right

When user choose to display the reading pane on the right the following custom view should be displayed

Fwd: Jusqu'à -31% sur les séjours vol + 7 nuits à l'Ile Maurice...	14/04/11
vincent richomme	
Fwd: Partez en Crête à prix fou !	14/04/11
vincent richomme	
Fwd: Jusqu'à -37% : vol + 7 nuits en Tunisie	14/04/11
vincent richomme	
Fwd: NOUVEAU : profitez du Wifi pendant votre voyage avec ...	14/04/11
vincent richomme	
Fwd: Vos codes d'accès vacancestresprivees.com	14/04/11
vincent richomme	

For each cell the first line is the Object message followed by the date and below is the sender's name/email.

2.1.8 Compose window and integration of a WYSIWYG editor

The compose email window should be finished and it should be possible at least to write some text and to send it. A WYSIWYG editor should be added inside this view.

2.2 Functional Design

From a functional point of view, all the new UI elements should be implemented and the different actions should control the imap actions.

It should be possible to add new folders, rename, delete and mark all emails inside as read/unread.

When selecting an email it should be possible to delete it, mark as read/unread and reply.

The actions Compose/Reply/Reply all/Forward should display the Compose window and allow to send the mail.

When clicking on Compose to write a new mail, if user wants to close the window a confirmation message should be displayed with 3 choices:

- Discard
- Continue

- Save as Draft

3.0 NOTES

All development should be localization-aware and every displayed strings should be localizable. The Cappuccino localization system should be used.

2.1.3 Scrolling with mouse should display entire row (constrained scrolling) is not mandatory and if you spend too much time on it you can forget it for now.

There are some bugs that need to be fixed in this first milestone:

BUG0001 : When clicking on Drafts/Junk folder there are some errors :

The error might be due to the fecthimap.php that doesn't verify if some fields are available (to, cc ...) but I let you analyse and fix this issue



