

Mailscanner (Mail Converter)

Several Mailscanner classes are now extendable via `SDK::setClass`:

- MailScanner
- MailScannerAction
- MailScannerInfo
- MailScannerRule
- MailScannerSpam
- MailScannerMailBox
- MailScannerMailBoxZend

This allows for easier extensibility using our standard SDK.

Moreover, the list of actions (for example: Create Ticket, Update Ticket, ...) for each rule is now stored in the database and not hardcoded in various files. So adding a new action is much easier now:

```
require_once 'modules/Settings/MailScanner/core/MailScannerAction.php';

// extend the class to implement custom actions
SDK::setClass('MailScannerAction', 'MailScannerActionCustom',
'modules/SDK/src/CUSTOMER/MailScannerActionCustom.php');

// add an action to create a task (custom module, or even Calendar)
MailScannerAction::addActionType('CREATE,Task,FROM', 'LBL_CREATE_MS_TASK', 'createTask');

// add the label
SDK::setLanguageEntries('Settings', 'LBL_CREATE_MS_TASK', ['it_it' => 'Crea compito', 'en_us'
=> 'Create task']);
```

And the extended class in `MailScannerActionCustom.php`:

```
<?php

class MailScannerActionCustom extends MailScannerAction {
    []
    []/**
    [] * Example of a custom mailscanner action
```

```

    */
function createTask($mailscanner, $mailrecord, $regexMatchInfo, $compare_parentid,
$match_field) {
    $subject = $mailrecord->_subject;
    $description = $mailrecord->getBodyText();

    // create a record "CustomTask"
    $inst = \CRMEntity::getInstance('CustomTask');
    $inst->mode = '';

    // populate some fields
    $inst->column_fields['taskname'] = $subject;
    $inst->column_fields['description'] = $description;
    $inst->column_fields['date'] = date('Y-m-d');

    // save it
    $inst->save('CustomTask');

    // Associate any attachement of the email to the record
    $this->__SaveAttachments($mailrecord, $inst->modulename, $inst, $inst);

    // create the Messages record
    $this->__CreateNewEmail($mailrecord, $this->module, $inst);

    // return the record id, to signal the correct application of the action
    return $inst->id;
}

```

Will produce a new action in the rule:

Search...

Settings > Mail Converter

Configure mailbox for scanning

Mail Converter Rule Information

Scanner Name

test

From

test@example.com

To

Subject

-- Select Condition --

Body

-- Select Condition --

Headers

Match

All Condition

Any Condition

Action

Create task

Create Ticket

Update Ticket

Add To Contact [FROM]

Add To Contact [TO]

Add To Account [FROM]

Add To Contact [TO]

Add To Lead [FROM]

Add To Lead [TO]

Do nothing

Create task

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