Subject: Email attachments
Posted by gpatti on Mon, 16 Jul 2012 14:32:06 GMT
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Tony,

Your FAQ 137 looks like you have an application that sends attachments via email. Is this in one of the prototype apps? I'd like to have a look at the code to see how you have done that if it is available.

Thanks,

Graham

Subject: Re: Email attachments
Posted by AJM on Tue, 17 Jul 2012 05:58:48 GMT
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I'm afraid that particular email transaction is not available in any of the prototype apps. It is part of a larger commercial package and is therefore not available as open source.

Subject: Re: Email attachments
Posted by gpatti on Tue, 17 Jul 2012 08:51:01 GMT
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Thanks Tony, I appreciate that.

I don't suppose you could outline the approach you took so that I could code in a similar way?

Subject: Re: Email attachments
Posted by AJM on Tue, 17 Jul 2012 12:10:34 GMT
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The button is made to appear in the screen with the following:

```
$this->fieldspec['add_attachment'] = array('type' => 'string',
                                           'control' => 'button',
                                           'task_id' => 'py_email_attachment(fileupload)');
```

The fileupload task has thge following code in the _cm_post_fileUpload() method:

```
$array['filepath'] = $filename;
$array['filename'] = $this->filename;
$array['filesize'] = $filesize;
```

This causes those values to be passed back to the calling form where they appear in the _cm_popupReturn() method where I have the following code:

```
if ($return_from == 'py_email_attachment(fileupload)') {
    if (!empty($select_array['add_attachment'])) {
 $filename = $select_array['add_attachment']['filename'];
 $filepath = $select_array['add_attachment']['filepath'];
 $filesize = $select_array['add_attachment']['filesize'];
        $fieldarray['add_attachment'] = null;
        // save these details for the _cm_postInsertRecord() method
        $this->attachments[$filename] = $filepath .' [size='.$filesize.']';
        // rebuild the list of attachments
        $list = '';
        foreach ($this->attachments as $key => $value) {
            $list .= $key .', ';
 } // foreach
 $fieldarray['attachments'] = rtrim($list, ', ');
    } // if
} // if
```

These values are processed in the _cm_postInsertRecord() method with the following code:

```
if (!empty($this->attachments) AND is_array($this->attachments)) {
    $attachments = $this->attachments;

} elseif (!empty($rowdata['attachments']) AND is_array($rowdata['attachments'])) {
    $attachments = $rowdata['attachments'];
} // if

if (!empty($attachments)) {
    // $attachments has 2 possible formats:
    // 1) associative - 'filename = filepath'
    // 2) indexed - [idx]['filename'] = '....'
    //              [idx]['filesize'] = '....'
    //              [idx]['filebody'] = '....' or [idx]['filepath'] = '....'
    $array1      = $attachments;
    $attachments = array();
    foreach ($array1 as $key => $value) {
        if (is_array($value)) {
            $attachments[] = $value;
        } else {
            // convert from associative to indexed
            $filename = $key;
            $filepath = $value;
            if (preg_match('/(?<=\[size=).*(?=\])/', $filepath, $regs)) {
                $filesize = $regs[0];  // extract file size
                // remove '[size=...]' from the value
```

```
            $filepath = preg_replace('/\[size=.*\]/', '', $filepath);
        } else {
            $filesize = null;
        } // if
        $attachments[] = array('filename' => $filename,
                               'filepath' => $filepath,
                               'filesize' => $filesize);
    } // if
  } // foreach
} // if

if (!empty($attachments)) {
  // add each attachment to a separate table
  $dbobject =& RDCsingleton::getInstance('email_attachment');
  $dbobject->audit_logging = $this->audit_logging;
  foreach ($attachments as $idx => $filedata) {
    $insert['email_id'] = $rowdata['email_id'];
    $insert['filename'] = $filedata['filename'];
    $insert['filesize'] = $filedata['filesize'];
    if (!empty($filedata['filebody'])) {
      $insert['filebody'] = $filedata['filebody'];
    } else {
      $insert['filepath'] = $filedata['filepath'];
    } // if
    $insert = $dbobject->insertRecord($insert);
    if ($dbobject->errors) {
      $this->errors = array_merge($this->errors, $dbobject->errors);
      return $rowdata;
    } // if
  } // foreach
  unset($dbobject);
} // if
```

I hope this helps.

Subject: Re: Email attachments
Posted by gpatti on Tue, 17 Jul 2012 12:16:35 GMT
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Many thanks. I will play around with this.
