TYPO3 Core - Bug #81524

Cannot send mails with special characters in local part

2017-06-09 12:47 - Mathias Brodala

Status:	Closed		**Start date:**	2017-06-09
Priority:	Should have		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:	Candidate for patchlevel			
TYPO3 Version:	8		**Complexity:**	
PHP Version:			**Is Regression:**	
Tags:			**Sprint Focus:**	

Description

Currently it is impossible to send mails with special characters in their local part, e.g. john.lötzsch@example.org. Swiftmailer fails with the following error:

```
[ Swift_RfcComplianceException ]
Address in mailbox given [john.lötzsch@example.org] does not comply with RFC 2822, 3.6.2.
thrown in file er/lib/classes/Swift/Mime/Headers/MailboxHeader.php
in line 345
```

The mentioned RFC 2822 has been extended by RFC 5335 which is supported by Swiftmailer 6.x and newer, thus an upgrade is necessary. This implies a few breaking changes however.

Related issues:

Related to TYPO3 Core - Bug #73616: Different standards used in GeneralUtilit...	**Closed**	**2016-02-23**
Related to TYPO3 Core - Bug #87077: Scheduler: Notification email address (e....	**Closed**	**2018-12-04**
Related to TYPO3 Core - Feature #90370: Use Egulias\EmailValidator for email ...	**Closed**	**2020-02-13**

History

#1 - 2017-06-09 12:47 - Mathias Brodala

- Related to Bug #73616: Different standards used in GeneralUtility::validEmail (RFC 3696) and swiftmailers Swift_Mime_Grammar-class (RFC 2822) added

#2 - 2018-09-06 14:23 - Susanne Moog

- Target version changed from 9 LTS to Candidate for patchlevel

#3 - 2018-12-07 21:46 - Georg Ringer

- Related to Bug #87077: Scheduler: Notification email address (e.g. system report) does not allow a local mail address added

#4 - 2019-10-07 22:21 - Riccardo De Contardi

what should be done here? Swiftmailer has been removed on version 10
https://docs.typo3.org/c/typo3/cms-core/master/en-us/Changelog/10.0/Breaking-88643-RemovedSwiftmailerswiftmailerDependency.html

#5 - 2019-10-08 17:22 - Mathias Brodala

The issue is still present in TYPO3v10. When I use the "Test Mail Setup" I get this:

    Mail not sent
    Given address is not a valid email address.

#6 - 2019-10-08 19:53 - Georg Ringer

There are 2 issues currently:

- **\TYPO3\CMS\Core\Utility\GeneralUtility::validEmail** fails with that
- **\Symfony\Component\Mime\Encoder\IdnAddressEncoder::encodeString** throws an exception

the latter has following comment

```
 * This encoder does not support email addresses with non-ASCII characters in
 * local-part (the substring before @). To send to such addresses, use
 * Utf8AddressEncoder together with SmtpUtf8Handler. Your outbound SMTP server must support
 * the SMTPUTF8 extension.
```

#7 - 2020-02-13 13:27 - Georg Ringer

- Related to Feature #90370: Use Egulias\EmailValidator for email validation added

#8 - 2020-02-13 13:27 - Georg Ringer

resolved with [#90370](#)

#9 - 2020-02-13 13:28 - Georg Ringer

- Status changed from New to Closed