Redmine - Defect #32793
Email address with Punycode top-level domain is not accepted
2020-01-13 06:28 - Go MAEDA

Redmine does not accept email addresses that have Punycode top-level domain such as "jsmith@example.xn--80akhbyknj4f" (example.ИСПЫТАНИЕ). There are already over 150 TLDs that begin with "xn--" in the real world (see https://www.icann.org/resources/pages/tlds-2012-02-25-en), so Redmine should accept those domains.

The attached relaxes the validation rule for an email address to accept top-level domains which begin with "xn--".

Related issues:
Related to Redmine - Feature #29208: IDN support for email addresses of user accounts added

History
#1 - 2020-01-13 06:29 - Go MAEDA
The issue can be fixed if the regular expression is changed as follows:

diff --git a/app/models/email_address.rb b/app/models/email_address.rb
index 46bca384a..dd0b30607 100644
--- a/app/models/email_address.rb
+++ b/app/models/email_address.rb
@@ -20,7 +20,7 @@
class EmailAddress < ActiveRecord::Base
  include Redmine::SafeAttributes
-
- EMAIL_REGEXP = /A([-^[^@']]+@([-^[^@']]+\.[^-]+)+([-^[^@']]+)+\z/i
-+ EMAIL_REGEXP = /A([-^[^@']]+@([-^[^@']]+\.[^-]+)+([:?.a-z0-9]+([-?:a-z0-9]+\z)+)?\z/i

  belongs_to :user

#2 - 2020-01-13 06:30 - Go MAEDA
- Related to Feature #29208: IDN support for email addresses of user accounts added

#3 - 2020-01-15 09:46 - Go MAEDA
- Target version set to 4.1.1

Setting the target version to 4.1.1.