

# What can I use to perform an email validation during entry-field accept?

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Starting from the 2013 R2 the regular expression is supported on entry-field control. The power of regular expression is now available also during entry-field accept. The following example shows how to declare regular expression on a screen section entry-field:

```
03 e1 entry-field line 2 col 2 size 50 value var
validation-regexp "^[^@\s]+@[^@\s]+\.[^@\s]+$"
validation-errmsg "Invalid email address"
validation-opts 7.
```

Due to the above code, if the entry-field content doesn't match with the regexp specified by validation-regexp, then the message specified by validation-errmsg is automatically shown by the runtime and the focus is kept on the field. validation-opts=1 means that the check is done case insensitive **Matches** bob-smith@foo.com | bob.smith@foo.com | bob\_smith@foo.com

**Non-Matches** smith| smith@foo. | smith@foo\_com

The regexp syntax must respect Java specifications

<http://docs.oracle.com/javase/7/docs/api/java/util/regex/Pattern.html>.

Regular Expression are collected and discussed on the web. For example, on this web site <http://regexlib.com/> you can find ready-to-use expression for common issues as well as an online regexp validator tool.