Redmine - Defect #30457
MailHandler.safe_receive does not output any error log
2019-01-17 18:03 - Go MAEDA

<table>
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<th>Closed</th>
<th>Start date:</th>
<th>Due date:</th>
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<td>Resolution:</td>
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Description

MailHandler.safe_receive has a rescue clause that seems to be intended to catch all exceptions and log it.

```ruby
def self.safe_receive(*args)
  receive(*args)
  rescue Exception => e
    logger.error "MailHandler: an unexpected error occurred when receiving email: #{e.message}" if logger
    return false
  end
end
```

However, the expression "logger.error" does not log any events because the variable logger is undefined. Although there is a method definition for "logger" at source:tags/4.0.0/app/models/mail_handler.rb#L77, you cannot call the method from MailHandler.safe_receive because MailHandler.safe_receive is a class method and MailHandler#logger is an instance method.

As a result, the expression logger.error in MailHandler#safe_receive never logs errors because the expression itself causes NameError. To avoid this, logger should be replaced with Rails.logger. The attached patch fixes this issue.

Related issues:
- Related to Redmine - Patch # 11497: Dry up logging in MailHandler class Closed
- Duplicated by Redmine - Defect # 28874: MailHandler does not log exceptions c... Closed

Associated revisions

Revision 18066 - 2019-04-20 06:11 - Go MAEDA
MailHandler.safe_receive does not output any error log (#30457).
Patch by Go MAEDA.

Revision 18067 - 2019-04-20 06:17 - Go MAEDA
Merged r18066 from trunk to 4.0-stable (#30457).

Revision 18068 - 2019-04-20 06:18 - Go MAEDA
Merged r18066 from trunk to 3.4-stable (#30457).

Revision 18069 - 2019-04-20 06:56 - Go MAEDA
Use safe navigation operator (#30457).
Setting the target version to 4.1.0.

- Duplicated by Defect #28874: MailHandler does not log exceptions caught added

- Related to Patch #11497: Dry up logging in MailHandler class added

Committed the fix.

- Status changed from Resolved to Closed