

JEmailValidator

Java™ edition



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1. Overview

1.1. Introduction

JEmailValidator is component especially for java developers who need to check against the email addresses and send or receive emails by SMTP or pop3. It is a very small and easy to use package

1.2. Target audience

This document is intended to serve as a technical guide to using the JEmailValidator component. Users should understand the Java programming language and be proficient in writing Java applications. A basic understanding of EMAIL and networking protocols is also helpful.

1.3. General features

- I Syntax Check-Validates the address for syntax, whether it has all of the mandatory characters present (e.g. @) and any illegal characters present (i.e. ~). It will also check for multiple occurrences of required characters (i.e. @@).
- I DNS/MX Record Check-Validates the domain name with DNS server to ensure that the email domain is a valid registered domain.
- I Mail Server Check-Validates an email address (e.g. easesoft@hotpop.com) by mail server (e.g. mail.hotpop.com) to ensure that the mail server indeed has the email address. This method has very good performance. (Attention: a few mail servers don't support this method (e.g. yahoo))

2. Programming guide

2.1. Creates a instance of the JEmailValidator

//dns is the DNS name or IP address. Email is the email address which you want to verify. If flag is true. JEmailValidator will do the Mail Server Checking, if false, will not.

```
Verifier jev=new Verifier (String dns, String email, boolean flag);
```

2.2. Judges whether the email address is valid

// if method validateEmailAddress () returns true, the email address is valid, if returns false, the email address is invalid.

```
flag=jev.validateEmailAddress();
```

2.3. Sample

```
boolean flag=false;
/**
DNS-IP address Or DNS name
email - Email address which needs to check
true-Uses SMTP validation
**/
Verifier jev=new Verifier (dns,email,true);
/**
Check against the email address,if return true,the email
address is valid.otherwise not
**/
flag=jev.validateEmailAddress();
if(flag)
{
out.print (email+" is a good email address");
}
else
{
out.print (email+" is a invalid email address");
}
```