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## Read embedded inline image from email as html



I tried to read email using IMAP connection. I am getting emails as html content. When i receive an email with body containing image. i am fail to get the image from email body.

The html output is follows.

```
<html xmlns:v="urn:schemas-microsoft-com:vml" xmlns:o="urn:schemas-microsoft-</pre>
\verb|com:office:office"| xmlns:w="urn:schemas-microsoft-com:office:word"|
xmlns:m="http://schemas.microsoft.com/office/2004/12/omml'
xmlns="http://www.w3.org/TR/REC-html40">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=us-ascii">
<meta name="Generator" content="Microsoft Word 14 (filtered medium)">
<!--[if !mso]><style>v\:* {behavior:url(#default#VML);}
o\:* {behavior:url(#default#VML);}
w\:* {behavior:url(#default#VML);}
.shape {behavior:url(#default#VML);}
</style><![endif]--><style><!--
  Font Definitions */
@font-face
    {font-family:Cambria;
    panose-1:2 4 5 3 5 4 6 3 2 4;}
@font-face
    {font-family:Calibri;
    panose-1:2 15 5 2 2 2 4 3 2 4;}
@font-face
    {font-family:Tahoma;
    panose-1:2 11 6 4 3 5 4 4 2 4;}
/* Style Definitions */
p.MsoNormal, li.MsoNormal, div.MsoNormal
    {margin:0in;
    margin-bottom:.0001pt:
    font-size:11.0pt:
    font-family:"Calibri","sans-serif";}
a:link, span.MsoHyperlink
    {mso-style-priority:99;
    color:blue;
    text-decoration:underline;}
a:visited, span.MsoHvperlinkFollowed
    {mso-style-priority:99;
    color:purple;
    text-decoration:underline;}
p.MsoAcetate, li.MsoAcetate, div.MsoAcetate
    {mso-style-priority:99;
    mso-style-link: "Balloon Text Char";
    margin:0in;
    margin-bottom:.0001pt;
    font-size:8.0pt;
    font-family: "Tahoma", "sans-serif";}
span.EmailStyle17
     {mso-style-type:personal-compose;
    font-family:"Calibri","sans-serif";
    color:windowtext;}
span.BalloonTextChar
    {mso-style-name:"Balloon Text Char";
    mso-style-priority:99;
    mso-style-link:"Balloon Text";
    font-family:"Tahoma","sans-serif";}
.MsoChpDefault
    {mso-style-type:export-only;
font-family:"Calibri","sans-serif";}
@page WordSection1
    {size:8.5in 11.0in:
    margin:1.0in 1.0in 1.0in 1.0in;}
div.WordSection1
    {page:WordSection1;}
--></style><!--[if gte mso 9]><xml>
<o:shapedefaults v:ext="edit" spidmax="1026" />
</xml><![endif]--><!--[if gte mso 9]><xml>
<o:shapelayout v:ext="edit">
<o:idmap v:ext="edit" data="1" />
</o:shapelayout></xml><![endif]-->
```

```
</head>
<body lang="EN-US" link="blue" vlink="purple">
<div class="WordSection1">
<o:p>&nbsp;</o:p>
The body parts <0:p></o:p>
<o:p>&nbsp;</o:p>
<i><i><span lang="EN-GB" style="font-size:10.0pt;font-</pre>
family: \verb§\quot; Cambria\& quot;, \& quot; serif\& quot;; color: \#365F91" > Regards </span > </i> < i> < i> < i> < i> < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i > < i
<span style="font-size:10.0pt;font-</pre>
 family:"Cambria","serif";color:#365F91">,</span></i><span</pre>
lang="EN-IN" style="color:#365F91"><0:p></o:p></span>
cp class="MsoNormal"><span lang="EN-GB" style="color:#365F91">&nbsp;</span></span>
lang="EN-IN" style="color:#365F91"><o:p></o:p></psan>
<i><psappa style="font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;font-size:10.0pt;f
family:"Cambria","serif";color:#17365D">Amith K 
Bharathan</span></i><span lang="EN-IN" style="color:#17365D"><o:p></o:p></span>
 <i><span style="font-size:10.0pt;font-</pre>
 family:"Cambria","serif";color:#17365D">Software Engineer</span>
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 <i><span style="font-size:10.0pt;font-</pre>
family: \\ " Cambria \\ ", \\ " serif \\ "; color: \\ #17365D"> \\   \\ &/span> \\ &/i> \\ &span \\ &lang="EN-IN" style="color: \\ #17365D"> \\ &/span> \\ &/p> \\ &/span> \\ &/span> \\ &/p> \\ &/span> \\ &/sp
<span style="font-size:10.0pt;font-</pre>
 family:"Cambria","serif";color:#17365D">
 **<img width="110" height="61" id="Picture x0020 1"
src="cid:image001.png@01D190D9.38FE7C00" alt="Description: Description: Description:
Description: tstlogo">**
</span><span lang="EN-IN" style="color:#17365D"><o:p></o:p></span><i><span style="font-size:10.0pt;font-</pre>
family:"Cambria","serif";color:#17365D">TTT Software &
Systems India Pvt. Ltd.</span></i>cspan lang="EN-IN" style="color:#17365D"><o:p>
 </o:p></span>
<i><span style="font-size:10.0pt;font-</pre>
family:"Cambria","serif";color:#17365D"> Infopark, Kakkanad-682
030</span></i><span lang="EN-IN" style="color:#17365D"><o:p></o:p></span>
<b><ii><span style="font-size:10.0pt;font-</pre>
family:"Cambria","serif";color:#17365D">Mob   :</span>
</i></b><i><span style="font-size:10.0pt;font-
 family:"Cambria","serif";color:#17365D"> +91 99957</span></i>
 <span lang="EN-IN" style="color:#17365D"><o:p></o:p></span>
 <b><i><span style="font-size:10.0pt;font-</pre>
family:"Cambria","serif";color:#17365D">Email :</span></i></span style="font-size:10.0pt;font-family:&quot;Arial&quot;,&quot;sans-</pre>
serif";color:#17365D">
<a href="mailto:amith.bharathan@tst.co.in"><span</pre>
style="color:#17365D">amith.bharathan@tst.co.in</span></a></span></i><span lang="EN-
IN" style="color:#17365D"><o:p></o:p></span>
<o:p>&nbsp;</o:p>
<o:p>&nbsp;</o:p>
</div>
</body>
</html>
```

## my code snippet is:

```
private String getTextFromMimeMultipart(
            MimeMultipart mimeMultipart) throws Exception{
        String result =
        int count = mimeMultipart.getCount();
        System.out.println("_____S'
for (int i = 0; i < count; i++) {
                                          _START_
                                                      __GET MULTI PART"+count);
             BodyPart bodyPart = mimeMultipart.getBodyPart(i);
             if (bodyPart.isMimeType("text/plain")) {
                 System.out.println("1111111111111");
result = result + "\n" + bodyPart.getContent();
//System.out.println("RESULT "+result);
                   break; // without break same text appears twice in my tests
                if (bodyPart.isMimeType("text/html")) {
                 System.out.println("2222222");
                 String html = (String) bodyPart.getContent();
System.out.println("22 bodypart "+bodyPart.getContentType());
                 result = result + "\n >>> " + org.jsoup.Jsoup.parse(html).text();
             } if (bodyPart.getContent() instanceof MimeMultipart){
                 result = result +
getTextFromMimeMultipart((MimeMultipart)bodyPart.getContent());
                 System.out.println("333333333333"+
(MimeMultipart)bodyPart.getContent());
                 Multipart multiPart = (MimeMultipart)bodyPart.getContent();
System.out.println("multipart COUNT "+multiPart.getCount());
                 for (int v = 0; v < multiPart.getCount(); v++) {</pre>
                     MimeBodyPart part = (MimeBodyPart) multiPart.getBodyPart(v);
                     System.out.println("PART ENCODING
if (Part.ATTACHMENT.equalsIgnoreCase(part.getDisposition())) {
                          downloadFile("fl"+v, part);
                     } if (Part.INLINE.equalsIgnoreCase(part.getDisposition())) {
                                                              _INLINE__
                      System.out.println("
```

System.out.printin( inline file NAME +part.getfilename());
<pre>//downloadFile("fl"+v, part) ; } </pre>
<pre>} System.out.println("END"+result); return result; }</pre>
O/P:
STARTGET MULTI PART2
2222222

The body parts Regards, Amith K Bharathan Software Engineer TST Software & Systems India Pvt. Ltd. Infopark, Kakkanad-682 030 Mob : +91 99947 Email : amith.bharathan@tst.co.in MULTI PART 2

INLINE IMAGE FILLLL NAMEEEE null I/P com.sun.mail.imap.IMAPInputStream@75b3adecMIME

END

javamail inline-images

asked 4 mins ago

Amith

254 • 3 • 16 • 33

22 bodypart text/html; charset=us-ascii \_