

GemBox Support Center

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How to convert an email to PDF file

Mario - GemBox - 2018-04-13 - 0 Comments - in GemBox.Email

Currently GemBox.Email does not have a support for PDF format. However, our other component, GemBox.Document, supports PDF as both input and output file format (see [Supported File Formats](#) help page).

So, by using both GemBox.Email and GemBox.Document, we can accomplish the conversion of email messages to PDF files.

With GemBox.Email, we can read the MSG, EML, and MHTML files and retrieve their content (subject, body, etc.), while with GemBox.Document we can create a PDF file from that retrieved email content.

The following example demonstrates how to read a [Sample.eml](#) email message, retrieve the message's information and generate a new PDF file from it.

C# code

```
class Program
{
    static void Main(string[] args)
    {
        GemBox.Email.ComponentInfo.SetLicense("FREE-LIMITED-KEY");
        GemBox.Document.ComponentInfo.SetLicense("FREE-LIMITED-KEY");

        // Load email file.
        MailMessage message = MailMessage.Load("Sample.eml");

        // Retrieve email's headers as string.
        string headers = string.Concat(message.MimeEntity.Headers
            .Where(header => header.Id == HeaderId.From ||
                header.Id == HeaderId.To ||
                header.Id == HeaderId.Subject)
            .Select(header => string.Format("{0} {1}\n",
                (header.Name + ":").PadLeft(8), header.Body)));

        // Create new document.
        DocumentModel document = new DocumentModel();
        document.DefaultCharacterFormat.FontName = "Courier New";
        document.DefaultCharacterFormat.Size = 9;
    }
}
```

```

document.DefaultParagraphFormat.SpaceAfter = 0;
document.DefaultParagraphFormat.SpaceBefore = 0;

// Load "headers" text.
document.Content.LoadText(headers, LoadOptions.TxtDefault);

// Load "body" text.
if (message.BodyHtml != null)
    document.Content.End.LoadText(message.BodyHtml, LoadOptions.HtmlDefault);
else
    document.Content.End.LoadText(message.BodyText, LoadOptions.TxtDefault);

document.Save("Sample.pdf");
}
}

```

VB.NET code

```
Module Program
```

```
    Sub Main()
```

```
        GemBox.Email.ComponentInfo.SetLicense("FREE-LIMITED-KEY")
```

```
        GemBox.Document.ComponentInfo.SetLicense("FREE-LIMITED-KEY")
```

```
        ' Load email file.
```

```
        Dim message As MailMessage = MailMessage.Load("Sample.eml")
```

```
        ' Retrieve email's headers as string.
```

```
        Dim headers As String = String.Concat(message.MimeEntity.Headers _
```

```
            .Where(Function(header) header.Id = HeaderId.From OrElse
```

```
                header.Id = HeaderId.To OrElse
```

```
                header.Id = HeaderId.Subject) _
```

```
            .Select(Function(header) String.Format("{0} {1}" & vbCrLf,
```

```
                (header.Name & ":").PadLeft(8), header.Body)))
```

```
        ' Create new document.
```

```
        Dim document As New DocumentModel()
```

```
        document.DefaultCharacterFormat.FontName = "Courier New"
```

```
        document.DefaultCharacterFormat.Size = 9
```

```
document.DefaultParagraphFormat.SpaceAfter = 0
document.DefaultParagraphFormat.SpaceBefore = 0

' Load "headers" text.
document.Content.LoadText(headers, LoadOptions.TxtDefault)

' Load "body" text.
If message.BodyHtml IsNot Nothing Then
    document.Content.End.LoadText(message.BodyHtml, LoadOptions.HtmlDefault)
Else
    document.Content.End.LoadText(message.BodyText, LoadOptions.TxtDefault)
End If

document.Save("Sample.pdf")
End Sub
End Module
```

This is the resulting [Sample.pdf](#) file:

