HOWTO: Create an OmrTemplateDocument

To perform OMR on a document one must first generate an OmrTemplateDocument object. An OmrTemplateDocument is made up of any number of OmrTemplatePages. Omr Template pages are made up of any number of OmrTemplateGroups which contain the actual OmrTemplateMark objects.

C#

```
mrTemplateDocument doc = new OmrTemplateDocument(); OmrTemplatePage page = new
OmrTemplatePage(myAtalaImage); OmrTemplateGroup group = new OmrTemplateGroup("Question 1:");
group.Marks.Add(new OmrTemplateMark("A", new System.Drawing.Rectangle(…)));
group.Marks.Add(new OmrTemplateMark("B", new System.Drawing.Rectangle(…)));
group.Marks.Add(new OmrTemplateMark("C", new System.Drawing.Rectangle(…)));
group.Marks.Add(new OmrTemplateMark("D", new System.Drawing.Rectangle(…)));
page.Groups.Add(group); doc.Pages.Add(page);
```

VB.NET

```
im doc As New OmrTemplateDocument() Dim page As New OmrTemplatePage(myAtalaImage) Dim group
As New OmrTemplateGroup("Question 1:") group.Marks.Add(New OmrTemplateMark("A", New
System.Drawing.Rectangle())) group.Marks.Add(New OmrTemplateMark("B", New
System.Drawing.Rectangle())) group.Marks.Add(New OmrTemplateMark("C", New
System.Drawing.Rectangle())) group.Marks.Add(New OmrTemplateMark("D", New
System.Drawing.Rectangle())) page.Groups.Add(group) doc.Pages.Add(page)
```

Once the OmrTemplateDocument has been created it can be saved to disk by using the OmrTemplateDocument.Save method. It can then be loaded back with the OmrTemplateDocument.Load.

C#

```
oc.Save(myStream); OmrTemplateDocument doc = OmrTemplateDocument.Load(inputStream);
```

VB.NET

```
oc.Save(myStream) Dim doc As OmrTemplateDocument = OmrTemplateDocument.Load(inputStream)
```

Additional Articles / Resources

HOWTO: Create an OmrTemplateDocument

INFO: Getting Started with Optical Mark Recognition (OMR) / Forms Processing

Original Article:

Q10319 - HOWTO: Create an OmrTemplateDocument

Atalasoft Knowledge Base
https://www.atalasoft.com/kb2/KB/50159/HOWTO-Create-an-OmrTemplateDocument