

9. PDF 套表

PDFService使用方式

```

//File Server
FtpService.GetFiles(sourceFile, downloadFile);

//PDF
var pdfService = new PdfService(downloadFile, completeFile);
try
{
    //Checkbox
    pdfService.AddStringField("Unit", agModel.UnitCode);
    pdfService.AddStringField("Name", UserModel.Name);
    pdfService.AddCheckField("RT1", plModel.TypeCheck == 1);
    pdfService.AddCheckField("RT2", plModel.TypeCheck == 2);
    pdfService.AddCheckField("RT3", plModel.TypeCheck == 3);
    pdfService.AddCheckField("RT4", plModel.TypeCheck == 4);
    pdfService.AddCheckField("Sex1", UserModel.Gender == 1);
    pdfService.AddCheckField("Sex2", UserModel.Gender == 2);
    pdfService.AddStringField("UserID", UserModel.UserID);
    pdfService.AddStringField("BirY", birY);
    pdfService.AddStringField("BirM", birM);
    pdfService.AddStringField("BirD", birD);
    pdfService.AddCheckField("Edu1", UserModel.Education == 1);
    pdfService.AddCheckField("Edu2", UserModel.Education == 2);
    pdfService.AddCheckField("Edu3", UserModel.Education == 3);
    pdfService.AddCheckField("Edu4", UserModel.Education == 4);
    pdfService.AddCheckField("Edu5", UserModel.Education == 5);
    pdfService.AddCheckField("Edu6", UserModel.Education == 6);
    pdfService.AddCheckField("Edu7", UserModel.Education == 7);
    pdfService.AddStringField("RegY", regY);
    pdfService.AddStringField("RegM", regM);
    pdfService.AddStringField("RegD", regD);
    pdfService.AddStringField("Company", fmModel == null ? "" : fmModel.COMPID.ToString());
    pdfService.AddCheckField("InsChk1Y", plModel.InsuranceCheck == 1);
    pdfService.AddCheckField("InsChk1N", plModel.InsuranceCheck == 2);
    pdfService.AddStringField("InsCom", plModel.InsuranceCompany);
    pdfService.AddCheckField("InsChk2Y", plModel.CompanyAgree == 1);
    pdfService.AddCheckField("InsChk2N", plModel.CompanyAgree == 2);
    pdfService.AddCheckField("RTDA", plModel.TypeCheck == 1);
    pdfService.AddCheckField("RTDB", plModel.TypeCheck == 2);
    pdfService.AddCheckField("RTDC", plModel.TypeCheck == 1 && EbfqcppDao.HasCommonTest(UserModel.UserID));
    pdfService.AddCheckField("RTDD", plModel.TypeCheck == 3);
    pdfService.AddCheckField("RTDE", plModel.TypeCheck == 4);
    pdfService.AddStringField("Address", elModel.ResidentCounty + elModel.ResidentTown + elModel.ResidentA
ddr);
    pdfService.AddStringField("NowY", nowY);
    pdfService.AddStringField("NowM", nowM);
    pdfService.AddStringField("NowD", nowD);

    //
    pdfService.AddImageField("PicName", GetSignatureImg(1));
    pdfService.AddImageField("PicName2", GetSignatureImg(1));

    //
    pdfService.ReplaceContent();

    //File Server
    FtpService.SendFile(completeFile, FtpUpload, fileName);
}
catch (Exception ex)
{
    pdfService.Close();
    throw new FBException(FBExceptionEnum.MessageAndLogged, ex.Message);
}
finally
{
    //WEB SERVER
    File.Delete(downloadFile);
    File.Delete(completeFile);
}

```

PDFService說明

1. Model定義

```
public class PdfFieldModel
{
    /// <summary>
    ///
    /// </summary>
    public string ID { get; set; }
    /// <summary>
    /// 1.2.3.checkbox
    /// </summary>
    public int Type { get; set; }
    /// <summary>
    ///
    /// </summary>
    public string Value { get; set; }
    /// <summary>
    ///
    /// </summary>
    public Image Img { get; set; }
    /// <summary>
    ///
    /// </summary>
    public bool Checked { get; set; }
}
```

2. 初始化Service

```
/// <summary>
/// Service
/// </summary>
/// <param name="tFile"></param>
/// <param name="cFile"></param>
public PdfService(string tFile, string cFile)
```

3. 替換文字：如果PDF檔案裡面有多個欄位套印資料一樣，可取相同名字，設定一次即可套用全部

```
/// <summary>
///
/// </summary>
/// <param name="id"></param>
/// <param name="value"></param>
public void AddStringField(string id, string value)
```

4. 替換圖片：如果PDF檔案裡面有多個欄位套印資料一樣，不可取相同名字，設定一次即可只能套印一個

```
/// <summary>
///
/// </summary>
/// <param name="id"></param>
/// <param name="img">Image</param>
public void AddImageField(string id, Image img)

/// <summary>
///
/// </summary>
/// <param name="id"></param>
/// <param name="img">Base64</param>
public void AddImageField(string id, string img)

/// <summary>
///
/// </summary>
/// <param name="id"></param>
/// <param name="path"></param>
public void AddImageFieldByPath(string id, string path)
```

5. 替換CheckBox：

```
/// <summary>
///
/// </summary>
/// <param name="id"></param>
/// <param name="value"></param>
public void AddCheckField(string id, bool value)
```

6. 開始替換文件內容

```
/// <summary>
///
/// </summary>
public void ReplaceContent()
```

7. 關閉PDF：

```
/// <summary>
/// PDF
/// </summary>
public void Close()
```

8. 鎖定輸入欄位

```
_pdfStamper.FormFlattening = true;
```