

# Output Options for ExcelApplication

The ExcelApplication object has several options for saving your ExcelApplication generated file.

Using the ExcelApplication object's Save methods, you can:

- [Save to Disk](#)
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When ExcelWriter streams a file to the client, the output result will depend on the browser as well as the server-side script.

## Save to Disk

To save the generated file on the server, call one of the following methods:

```
void Save(Workbook workbook, string fileName)
void Save(Workbook workbook, string fileName)
```

fileName specifies a complete physical path and file name for the generated file. ExcelWriter will save the file to this location. If a file with the same name exists, it will be overwritten by the new Excel file.

## Example

```
ExcelApplication xla = new ExcelApplication();
Workbook wb = xla.Create();
xla.Save(wb, @"C:\Sales2003\June.xlsx");
```

## Stream to Client

To stream the generated file to the client, call one of the following methods:

```
void Save(Workbook workbook, System.Web.HttpResponse response, string fileName)
void Save(Workbook workbook, System.IO.Stream stream)
void Save(Workbook workbook, System.Web.HttpResponse response, string fileName, bool
openInBrowser)
void Save(Workbook workbook, System.Web.HttpResponse response, string fileName, bool
openInBrowser, string contentType)
```

Browsers other than Internet Explorer cannot embed an Excel file in the browser window. When the generated spreadsheet is streamed to a browser other than IE, the user will always be prompted to open or save the file. If the user chooses to open the file, it will open in Microsoft Excel or another spreadsheet application.

Internet Explorer can display an Excel file in the browser window. When the generated spreadsheet is streamed to Internet Explorer, the browser's settings will determine whether the file opens automatically or the user is asked to open or save the file. The parameter openInBrowser determines whether the file will open in IE or in a spreadsheet application. If openInBrowser is set to true, the response content-disposition header is set to open the file in the browser window.

## Example

```
ExcelApplication xla = new ExcelApplication();
Workbook wb = xla.Create(ExcelApplication.FileFormat.Xlsx);
xla.Save(wb, Page.Response, "workbook.xlsx", false);
```

## Write to Stream

To write the generated spreadsheet to a `System.IO.Stream`, call the following method:

```
void Save(Workbook workbook, System.IO.Stream stream)
```

## Example

```
ExcelApplication xla = new ExcelApplication();
Workbook wb = xla.Create(ExcelApplication.FileFormat.Xlsx);
FileStream fstream = new FileStream(@"C:\temp\outfile.xlsx",
    FileMode.Create);
xla.Save(wb, fstream);
```

## Return a Template

You can use `ExcelApplication` to create a spreadsheet with data markers (i.e., a template) and pass the spreadsheet to `ExcelTemplate` to populate the data markers. In this case, do not call `Save`. Instead, pass your `Workbook` object to `ExcelTemplate`'s `Open` method:

```
void ExcelTemplate.Open(ExcelApplication excelApplication, Workbook workbook)
```

## Example

```
ExcelApplication xla = new ExcelApplication();
Workbook wb = xla.Create(ExcelApplication.FileFormat.Xlsx);
ExcelTemplate xlt = new ExcelTemplate();
xlt.Open(xla, wb)
```