

## Configuring

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# Identifying properties for banner pages

Update the `banner_page_property_values.cfg` configuration file to define the properties that you can include on banner pages. The configuration file defines the elements that can print on banner pages, including properties of jobs, orders, printers, load plans, and other objects, system settings, and text strings.

⬇ **Note:** Updates might overwrite files in the `/aiw/aiw1/samples/banner_pages/` directory, but they do not overwrite files in the `/aiw/aiw1/control_files/banner_pages/` directory. We recommend copying sample files into the `/aiw/aiw1/control_files/banner_pages/` directory and making all your changes in the copied file.

When RICOH ProcessDirector assigns a job to a printer, it generates the `jobnumber.banner_attributes.txt` file in the spool directory for the job. This file contains the properties notebook names and job-specific resolved values for all the properties that the `banner_page_property_values.cfg` file contains.

To update the properties for banner pages:

1. Log in to the primary computer as the RICOH ProcessDirector system user ( **aiw1** is the default).
2. Navigate to: `/aiw/aiw1/control_files/banner_pages/`
3. Open the `banner_page_property_values.cfg` file with a text editor.
4. Add entries to or delete entries from the file, as required for the installation.
 

Each entry in the file has two lines. The first line contains text strings and database property names, separated by commas. Database property names are delimited with brackets ([ ]). The second line expresses the first line as a symbol formula. For example:

  - This example defines a job property. The symbol name is the same as the job property name.
 

```
[Job.Copies]
${Job.Copies}
```
  - This example defines an order property. The symbol name is the same as the order property name.
 

```
[Order.ID]
${Order.ID}
```
  - This example defines a printer property:
 

```
[Printer.AFP.Overlay]
${Printer.AFP.Overlay}
```
  - This example defines a system setting:
 

```
[WorkflowSystem.Transform.ServerAddress]
${WorkflowSystem.Transform.ServerAddress}
```
  - This example defines a barcode that includes an initial text string, two job properties, and a final text string:
 

```
SO, [Job.ID], [Job.TotalSheets], 2009
${Customer.BarCode}
```
  - This example defines a property of the load plan associated with the job. The ampersand (&) indicates that the properties are nested.
 

```
&[Job.Insert.LoadPlan.ID] [LoadPlan.Media]
${Job.Insert.LoadPlan.ID} ${LoadPlan.Media}
```
  - This example defines a single instance of a job property that can have different values for different phases and steps. The example resolves to one value:
 

```
[Job.External.Command.Prepare.RunExternalProgram]
${Job.External.Command.Prepare.RunExternalProgram}
```
  - This example defines all instances of a job property that can have different values for different phases and steps. This example can resolve to several values:
 

```
[Job.External.Command]
${Job.External.Command}
```

When RICOH ProcessDirector assigns a job to a printer and generates the `jobnumber.banner_attributes.txt` file, it resolves entries from the configuration file. Depending on settings in the individual banner page configuration files, such as `/aiw/aiw1/control_files/banner_pages/header.cfg` (for AFP banner pages) or `/aiw/aiw1/control_files/banner_pages/header.jrxml` (for PDF banner pages), it can resolve entries like this:

```
[Job.Copies.Value]
1
[Job.Copies.NameAndValue]
Job copies requested: 1

[Customer.BarCode.Value]
SO10000007112009
[Customer.BarCode.NameAndValue]
SO: SO Job number: 10000007 Total sheets: 11 2009: 2009

[Order.ID.Value]
O-10004

&[Job.Insert.LoadPlan.ID] [LoadPlan.Media.Value]
A4
```

5. Save the configuration file. All the properties that the file defines are now available to use with banner pages.

Parent topic: [Banner pages](#)