

Reporting Functions

These functions apply to Cobalt Strike's custom report capability only.

agApplications

Pull information from the applications model.

Arguments

\$1 - the model to pull this information from.

Returns

An array of dictionary objects that describes each entry in the applications model.

Example

```
printAll(agApplications($model));
```

agC2info

Pull information from the c2info model.

Arguments

\$1 - the model to pull this information from.

Returns

An array of dictionary objects that describes each entry in the c2info model.

Example

```
printAll(agC2Info($model));
```

agCredentials

Pull information from the credentials model

Arguments

\$1 - the model to pull this information from.

Returns

An array of dictionary objects that describes each entry in the credentials model.

Example

```
printAll(agCredentials($model));
```

agServices

Pull information from the services model

Arguments

\$1 - the model to pull this information from.

Returns

An array of dictionary objects that describes each entry in the services model.

Example

```
printAll(agServices($model));
```

agSessions

Pull information from the sessions model

Arguments

\$1 - the model to pull this information from.

Returns

An array of dictionary objects that describes each entry in the sessions model.

Example

```
printAll(agSessions($model));
```

agTargets

Pull information from the targets model.

Arguments

\$1 - the model to pull this information from.

Returns

An array of dictionary objects that describes each entry in the targets model.

Example

```
printAll(agTargets($model));
```

agTokens

Pull information from the phishing tokens model.

Arguments

\$1 - the model to pull this information from.

Returns

An array of dictionary objects that describes each entry in the phishing tokens model.

Example

```
printAll(agTokens($model));
```

bookmark

Define a bookmark [PDF document only]

Arguments

\$1 - The bookmark to define [must be the same as &h1 (rfunctions.html#h1) or &h2 (rfunctions.html#h2) title].

\$2 - (Optional) Define a child bookmark [must be the same as &h1 (rfunctions.html#h1) or &h2 (rfunctions.html#h2) title].

Example

```
# build out a document structure
h1("First");
h2("Child #1");
h2("Child #2");

# define bookmarks for it
bookmark("First");
bookmark("First", "Child #1");
bookmark("First", "Child #2");
```

br

Print a line-break.

Example

```
br();
```

describe

Set a description for a report.

Arguments

\$1 - The report to set a default description for.

\$2 - The default description

Example

```
describe("Foo Report", "This report is about my foo");

report "Foo Report" {
    # yada yada yada...
}
```

h1

Prints a title heading.

Arguments

\$1 - the heading to print.

Example

```
h1("I am the title");
```

h2

Prints a sub-title heading.

Arguments

\$1 - the text to print.

Example

```
h2("I am the sub-title");
```

h3

Prints a sub-sub-title heading.

Arguments

\$1 - the text to print.

Example

```
h3("I am not important.");
```

kvtable

Prints a table with key/value pairs.

Arguments

\$1 - a dictionary with key/value pairs to print.

Example

```
# use an ordered-hash to preserve order
$table = ohash();
$table["#1"] = "first";
$table["#2"] = "second";
$table["#3"] = "third";

kvtable($table);
```

landscape

Changes the orientation of this document to landscape.

Example

```
landscape();
```

nobreak

Group report elements together without a line break.

Arguments

\$1 - the function with report elements to group together.

Example

```
# keep this stuff on the same page...
nobreak({
    h2("I am the sub-title");
    p("I am the initial information");
});
```

output

Print elements against a grey backdrop. Line-breaks are preserved.

Arguments

\$1 - the function with report elements to group as output.

Example

```
output({  
    p("This is line 1  
    and this is line 2.");  
});
```

p

Prints a paragraph of text.

Arguments

\$1 - the text to print.

Example

```
p("I am some text!");
```

table

Prints a table

Arguments

\$1 - an array with column names

\$2 - an array with width values for each column

\$3 - an array with a dictionary object for each row. The dictionary should have keys that correspond to each column.

Example

```
@cols    = @("First", "Second", "Third");  
@widths  = @("2in", "2in", "auto");  
@rows    = @(  
    %(First => "a", Second => "b", Third => "c"),  
    %(First => "1", Second => "2", Third => "3"));  
  
table(@cols, @widths, @rows);
```

ts

Prints a time/date stamp in italics.

Example

```
ts();
```