



# Ariadne

## Web Application Server

**PBookmark Extension  
version 1.0**

**Programmers Reference**

This reference documents all changes and additions to Ariadne in the pBookmark extension. Documentation conventions are:

classes, templates and functions use the courier 10pt font.  
\$variables are prefixed with a '\$' sign.  
\$nlldata->variable is a language dependant variable.  
\$data->variabele is a language independant variable.  
*removed items from a supperclass are written in italic.*

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# 1. Overview

The pBookmark extension adds the class 'pbookmark' to Ariadne.

This extension allows you to maintain an online bookmark collection in Ariadne, add relevant links to other documents and check them automatically.

The new class tree looks like:

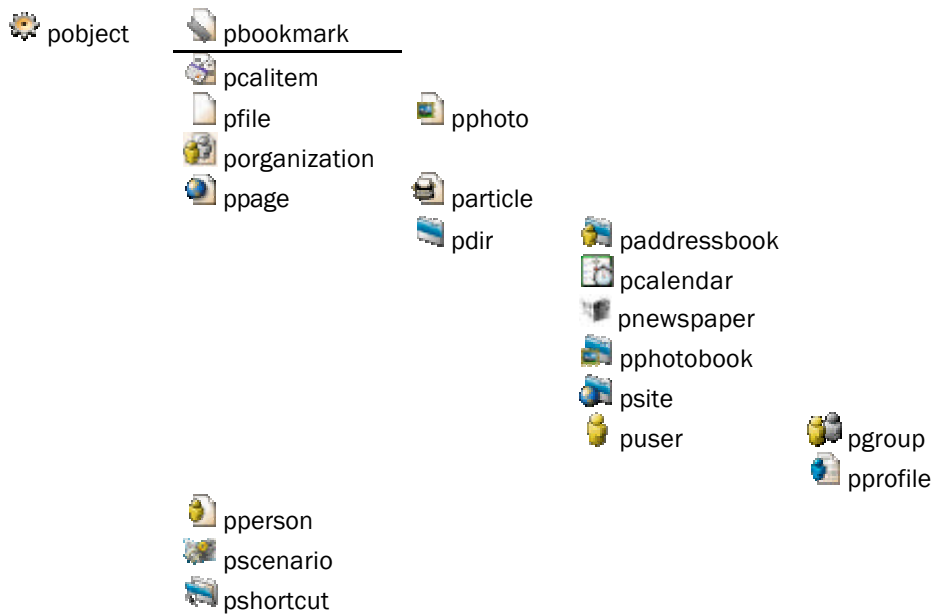


Figure 1.1 - Ariadne Class Inheritance

## 2. Installation

To install the pBookmark extension, first unpack the distribution file in the Ariadne installation directory. The pBookmark extension will install a number of files in your Ariadne tree.

Check to see whether the file `ariadne/lib/objects/pbookmark.phtml` exists. Then open a webbrowser, and browse to <http://your.host/ariadne/install/> and click on the `pbookmark_install.php` script.

Alternatively, when installing under Unix, change to the `ariadne/www/install/` directory in the command shell and run the script as a shell script. You will need to have the PHP cgi-bin installed, the script assumes that it is installed at `/usr/bin/php`.

If you have installed or created new typetree sets in `/system/ariadne/typetree/` besides 'normal', you will need to link the pbookmark type to the correct types by hand.

## 3. Class descriptions

### 3.1. pbookmark

 pobject >  pbookmark

Data field	Description
(string) \$nlldata->name	Name of the object.
(string) ->summary	A small description.
(string) \$data->value	Value (URL) of the bookmark.

Properties	Contents
name.value[]	name
text.value[]	name and summary

## Methods

CheckLink (new)

PHP

PINP

(bool) CheckLink(\$url='')

Argument	Description
(string) \$url	URL to check. If empty the value of the pbookmark will be used instead.

This method checks the given link to see if it is valid.

The link is checked to see if it contains a valid hostname, the hostname has a DNS record, the host is alive and in the case of HTTP and FTP, the host responds to the protocol.  
For HTTP URLs, a HEAD request is sent and the status returned is checked.

DNS checks are only performed on Unix platforms.

If the method returns FALSE, it will set the following values in the current object:

Error variables	Description
(int) \$errorcode	Unique error code, ranges from 1 to 8
(int) \$errorseverity	Severity of the error, range from 1 to 10, higher numbers are more sever.
(string) \$error	Full error message.

Code	Severity	Message
1	1	Warning: no URL entered.
2	1	Warning: unrecognized URL syntax.
3	10	Error: No DNS record for host.
4	5	Error: Could not connect to FTP server on host:port.
5	5	Error: Could not connect to WWW server on host:port, or server returned an empty page.
6	2	Warning: Update link location.
7	10	Error: Broken link, server returned 'STATUS MESSAGE'
8	1	Warning: Link temporarily unavailable, server returned 'STATUS MESSAGE'
9	5	Error: Server returned an unknown respons: 'STATUS MESSAGE'
10	5	Error: Server returned an unknown respons.

## Templates

classic.form.phtml (*changed*)

PHP

```
(void) classic.form.phtml
```

This template shows the name, value and summary entry elements in the classic form.

edit.object.data.form.phtml (*changed*)

PHP

```
(void) edit.object.data.form.phtml
```

This template shows the name, value and summary entry elements in the wizard.

system.save.data.phtml (*changed*)

PHP

```
(string) system.save.data.phtml
```

Argument	Description
(string) value	Value of the bookmark, should be a URL.
(string) {\$nls}[name]	Name of the bookmark, in the given language.
(string) {\$nls}[summary]	Summary / description of the bookmark.

This template checks the input from the classic form or the wizard and saves the data to the ariadne store. The template assigns the name values to the name.value property. It assigns the name and summary values to the text.value property. It assigns the value to the value.value property.



*Example 3.1: Calling system.save.data.phtml from an object template (PINP).*

```
<pinp>
  $args[$nls]["name"] = getdata("name", $nls);
  $args[$nls]["summary"] = getdata("summary", $nls);
  $args["value"] = getdata("value", "none");
  call("system.save.data.phtml", $args);
  if (!$error) {
    ldRedirect(make_url()."view.html");
  } else {
    error($error);
  }
</pinp>
```

*Example 3.2: Your own edit form as an object template.*

```
<form method="POST" action="classic.save.phtml">
  <input type="hidden" name="arReturnPage"
    value="<pinp> echo make_url(); </pinp>view.html">
  Name:
  <input type="text" name="<pinp> echo $nls; </pinp>[name]"
    value="<pinp> ShowData("name", $nls); </pinp>">
  <br>
  Value:
  <input type="text" name="value"
    value="<pinp> ShowData("value", "none"); </pinp>">
  <br>
  Summary:
  <textarea name="<pinp> echo $nls; </pinp>[summary]"><pinp>
    ShowData("summary", $nls);
  </pinp></textarea>
  <br>
  <input type="submit" name="arSubmit"
    value="<pinp> echo gettext("save"); </pinp>">
</form>
```

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Version 2, June 1991

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