

fPage

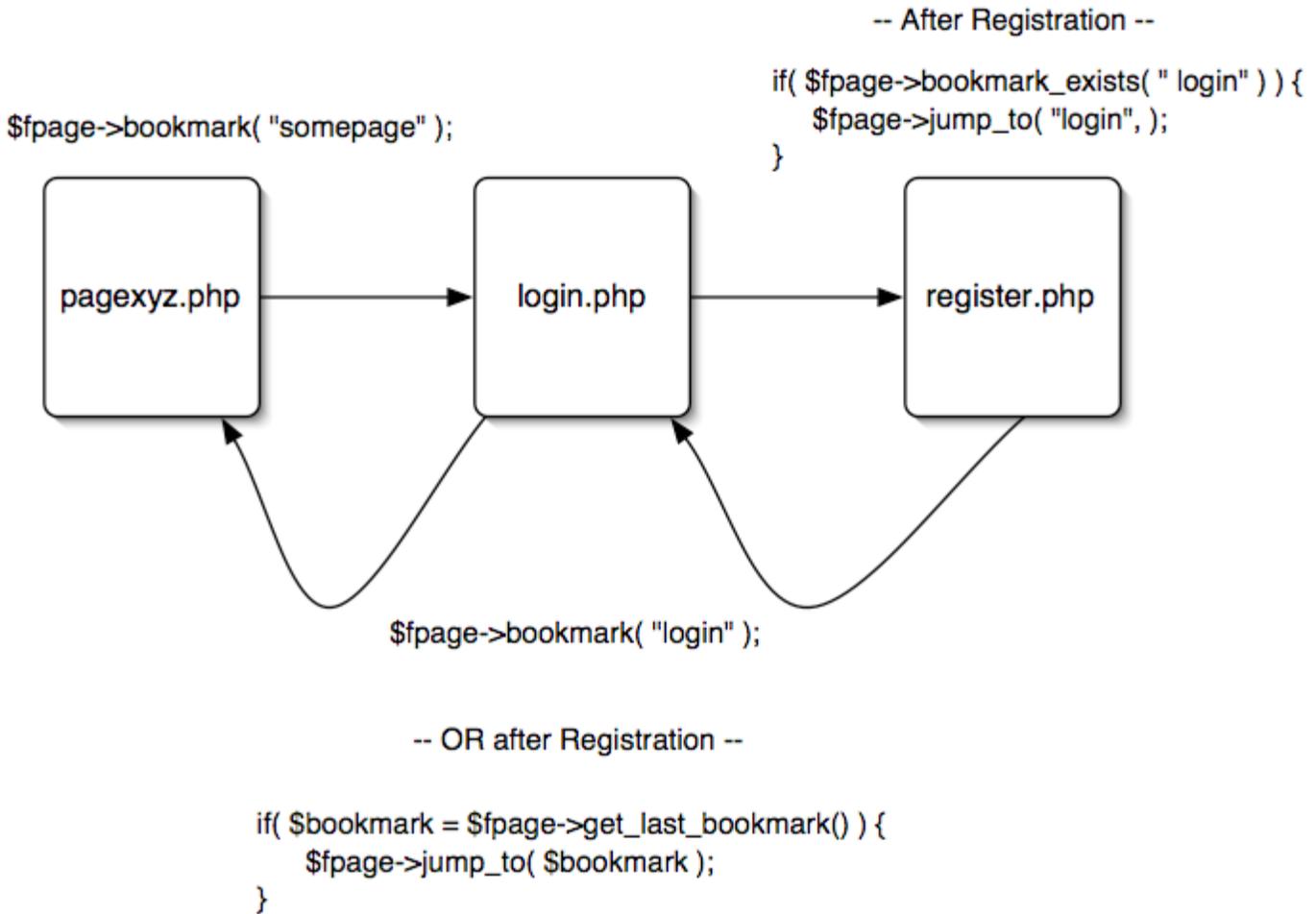
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- Have you done this before ? **http://mysite/login.php? comeback=http://mysite/pagexyz.php**
- **fPage** is a small class that offers a nice solution.
- Abstract the redirection between pages.
- Uses a Stack concept where we push urls onto a stack

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fPage Usage Example



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fPage Code Highlight (1)

bookmark() Sets bookmark (note it ignores a bookmark if last bookmark == \$target)

```
function bookmark($target, $bdata = null, $replace_last = true)
{
    $this->_init();
    if(!empty($this->_bookmarks) && $replace_last){
        $last = &end($this->_bookmarks);
        if($last[0] == $target )
            return;
    }
    $this->_bookmarks[] = $this->_init_bookmark($target, $bdata);
}
function _init_bookmark($name, $bdata)
{
    return array($name, $this->_this_pages_url(), time(), $bdata);
}
```

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fPage Code Highlight (2)

jump_to() Most complex method which does the redirection.

```
function jump_to($target, $args = null)
{
    $this->_init();
    // search from latest to earliest bookmarks
    // for a match to $target
    $count = count($this->_bookmarks);
    for($i = $count - 1; $i >= 0; $i--){
        if(empty($target) || $target == $this->_bookmarks[$i][0]){
            $bookmark = $this->_bookmarks[$i];
            for($j = $i; $j < $count; $j++){
                unset($this->_bookmarks[$j]);
            }
            //lets reindex the array because unset alone won't
            $this->_bookmarks = array_values($this->_bookmarks);

            //lets store the caller data
            $this->_caller->url = $this->_this_pages_url();
            //if(isset($args)){ // we want to overwrite args no matter
                $this->_caller->args = $args;
            //}
            $this->_caller->bookmark = $bookmark;

            // this is what its all about
            header("Location: {$bookmark[1]}");
            //just in case
            exit;
        }
    }
    //no bookmarks are around ?
    if(empty($target))
        trigger_error("There is not bookmarks so we cant jump to last
bookmark", E_USER_ERROR);
    else
        trigger_error("The bookmark with id: $target was not found",
E_USER_ERROR);
}
```

what

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fPage Code Highlight (3)

Misc. method `_this_page_url()` We got to stick to HTTP standards!!!

```
function _this_pages_url()  
{  
    $url = "";  
    if(!$this->use_short_url){  
        $url = "http://";  
        if(isset($_SERVER['HTTPS'])){  
            $url = "https://";  
        }else if(!empty($this->proto)){  
            $url = $this->proto . "://";  
        }  
        if(isset($_SERVER['HTTP_HOST'])){  
            $url .= $_SERVER['HTTP_HOST'];  
        }else if(!empty($this->host)){  
            $url .= $this->host;  
        }  
    }  
    $url .= $_SERVER['REQUEST_URI'];  
    return $url;  
}
```

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fPage Conclusion)



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- Limitations? Reliance on `$_SESSION` and 302 Redirects
- Code at www.zaslavskiy.net/fpage
- Questions?

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