

Re: Uploading a file to web server using Lisp

Source: <http://coding.derkeiler.com/Archive/Lisp/comp.lang.lisp/2007-02/msg00191.html>

- *From:* "Trastabuga" <lispercat@xxxxxxxxxx>
 - *Date:* 5 Feb 2007 13:22:20 -0800
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On Feb 5, 3:04 pm, nalle...@xxxxxxxxxx wrote:

On Feb 5, 10:19 am, "Trastabuga" <lisper...@xxxxxxxxxx> wrote:

Could anyone point me the direction how I can implement uploading files from a web browser to a web server using lisp? Any libraries? Is CGI the only way to accomplish it? There are lots of materials on how to do it using PHP but I could nothing for Lisp.

Here's an exmple on how to do it with portableserve
<http://www.cliki.net/Portableserve>(from examples.cl included in the tarball)

<http://paste.lisp.org/display/36419>

hth

Nick

```
;; these two urls show how to transfer a user-selected file from
;; the client browser to the server.
;;
;; We use two urls (/getfile to put up the form and /getfile-post to
;; handle the post action of the form). We could have done it all
;; with one url but since there's a lot of code it helps in the
;; presentation to separate the two.
;;
(publish :path "/getfile-old"
:content-type "text/html; charset=utf-8"
:function #'(lambda (req ent) (getfile-function
req ent "/getfile-got-old")))

(publish :path "/getfile"
:content-type "text/html; charset=utf-8"
:function #'(lambda (req ent) (getfile-function
req ent "/getfile-got")))
```

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```
(defun getfile-function (req ent posturl)
  (with-http-response (req ent)
    (with-http-body (req ent)
      (html (:head "get file")
        (:body
          ((:form :enctype "multipart/form-data"
            :method "post"
            :action posturl)
            "Let me know what file to grab"
            :br
            ((:input :type "file"
              :name "thefile"
              :value "*.txt"))
            :br
            ((:input :type "text" :name "textthing"))
            "Enter some text"
            :br
            ((:input :type "checkbox" :name "checkone"))
            "check box one"
            :br
            ((:input :type "checkbox" :name "checktwo"))
            "check box two"
            :br
            ((:input :type "submit"))))))))
```

Any suggestions are welcome!
Andrew

Thank you, guys!
Now I've got two options: Portableserve and Hunchentoot. Which one
should I chose (best support, portability etc)?

Andrew

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