

# spider

spider lets you weave your web pages in HyperCard.  
You create special, simple stacks in HyperCard  
and then convert them to web pages.

The spider turns each card of the stack into a html file  
with a clickable map and an associated gif or jpeg image.

spider requires HyperCard 2.3 or later, the truePrint stack,  
AppleScript, and the freeware program clip2gif by Yves Pigué.

If you have HyperCard 2.1, just use it for creating the stack  
and use HyperCard Player 2.3 or later (available free from Apple  
on the internet) to generate the web pages.

spider includes a converter from styled text to html.  
It converts some special characters to html and recognizes  
bold and italic text. It is very slow, but was good enough  
for converting "read me" files like these.

## How it works

The spider goes from card to card and does the following  
on each card:

First it sends mouseUp messages to all buttons  
and fields to find out where they lead to.

Then the spider uses this information to generate  
a html file and a map file containing the links.  
(Both client and server side image maps are created).

Finally it converts the card picture to a jpeg or a gif file  
(using AppleScript and the freeware program clip2gif).

## How to use it

Create a stack...

Links within the stack are like that (script of buttons and fields):

```
mouseUp
  go next card
end mouseUp
```

Links to other web sites, e-mail, etc. are like that:

```
on mouseUp
  return "http://www.mirror.apple.com"
end mouseUp
```

Give your cards names; these will be used as filenames  
(spaces will be omitted).

By default an interlaced gif file is generated.  
If you want to generate another graphic file,  
put one of the following into the first line of the card script:

```
-- gif noninterlaced

-- jpeg very low
-- jpeg low
-- jpeg normal
-- jpeg high
-- jpeg very high
```

The options for the jpeg's denote the resulting image quality.

When you are finished, open the spider stack.  
This will make sure that the stack is "in use" so that  
the control key combinations for weaving will work.

You can set the format for the text files that the  
spider creates: Mac, Unix or DOS.

Then go back to your stack and press ctrl-opt-w to start  
weaving the stack. (you can stop the conversion anytime by  
pressing the mouse down.)

The spider will create a folder that has the name of your stack  
with "f" appended to it and place all the created files into it.

If you change a card later on, you can convert it  
by pressing ctrl-w.