

## Spider SEO

(c) 2003-2006 by D.G. Sureau

<http://www.scriptet.com>

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Spider SEO is a script with a graphical user interface, that generates automatically meta tags from the content of web pages of an Internet site. Keywords and description are taken from the content of the page. Other metas are generated optionally. The script works on a local image of the website and not online but may be adapted.

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## Introduction

The cleaner is your code, the more the program has chance to work well. For an example of what I consider a clean code, and a garbaged one, look at lines below:

```
<head>
<meta name="keywords" content="order, clarity">
</head>

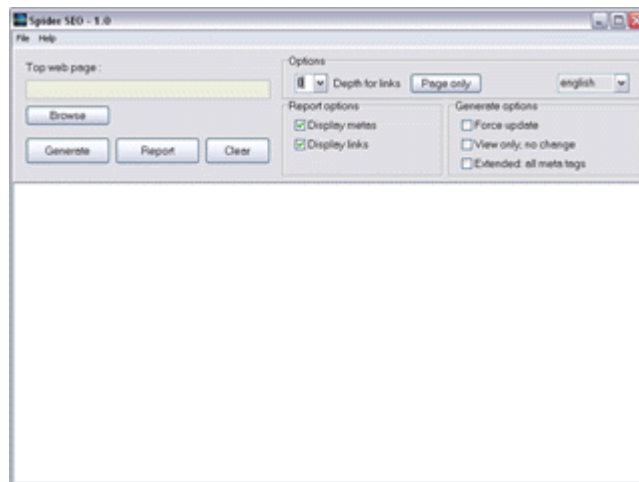
<head > <
meta nick
= "keyword" content = confusion disorder
> < /head>
```

In the case your code is so garbaged, the resulting code produced by SpiderSEO may not be what you expect.

The SpiderSEO script is intended to work on a local image of your site (if your computer is your own server, the local image is the site itself).

Before to use SpiderSEO the first time, make a copy of the whole directory.

## The screen



The large text box displays reports and changes. Buttons and other widgets are detailed below.

## Generate and report from the graphical user interface

In the first field, type the full path of the main page of your site, for example:

```
c:\site\index.html
```

Then click on the "Generate" button to start the process.

Changes are displayed in the large text area.

To report the actual meta tags or links in your page, click on the "Report" button.

## The file menu

- The "browse" command allows to locate and select a page to parse.
- The "create list" command opens a dialog for creating a list of pages to process. See below.
- Save, if you want to save the currently displayed results in the large text field, for future use.
- Exit closes the program.

## Creating a list

The graphical interface allows to create a list of local links into a file, and this file may be used to designate which pages to process.

The **add** button adds a page to the list.

The **suppress** button removes a page.

The order of processing may be changed with the **up** and **down** buttons.

Once the list is created, it is saved with the **save** button.

You can reload a list with the **load** button, and add more links.  
The **new** button clears the list.

Type **return** to close the windows.

Once the list is created into a file, the name of this file should be written in the textfield for the top page to process and the depth must be set to 1 at least.

## The help menu

- Manual: displays a short help.
- About the program...

## Options in the graphical user interface

### Generate options

- Depth of links  
This is the level of recursion for links found in the page.  
If the value is 0, links are ignored.  
If it is 1, links of the main page are parsed, but their links are ignored.  
And so one...
- Dictionary  
Select the dictionary for foreign languages.
- Force update  
Replace the meta-tag even if already created. Not a recommended option, as manual creation is usually better than automatical one.
- Display only  
Create or update meta and display the changes, but the pages are not changed.
- Extended metas  
Default metas are keywords and description.  
This options add date creation, last revision date, author name.

### Report options

- Display metas  
Display the metas.
- Display links  
Display links found in the page.

## Using the programs at command line

The graphical user interface calls programs you can use directly.  
If your site is stored in the path c:\site, if the main page is index.html (this may be index.php, etc...), just

type:

```
spider c:\site\index.html ...to generate the meta-tags.  
metarep c:\site\index.html ...to report metas and links.
```

## Options of command-line tools

### Recursion

You can limit the level of recursion with this option:  
-r followed by the depth of recursion, 5 for example.

```
spider -r5 c:\site\index.html
```

### Force

-f replacing the meta-tags in any case.

The algorithm of generation or replacement is given at head of the source SpiderSEO.sol.

### Test first

-v allows to view the results without changes in the files.

### Display

-q no display.

## Controlling which pages to update with makelist

Makelist is a script that automatically builds a list of web pages inside a directory. Once the list is built, you may edit it...

1. Type:

```
makelist site-directory listname.html
```

- site-directory is the directory where is stored the image of your site.
  - listname.html is the name of the file that will hold the list of pages.
2. Edit the list and remove the files you want not to reference.
3. Use this generated file rather than the main page of the site.

The command is:

```
spider listname.html
```

or if you don't want the links parsed recursively

```
spider -r1 listname.html
```

The -r1 flag gives a depth of 1 for recursion. The list itself is the depth 0 of recursion.

## Foreign languages

To use SpiderSEO with another human language, you have to replace the small.en list of useless words by the equivalent for the language.

A small.xx file may be easily created with the help of dictmake, a set of scripts available at [www.scriptol.org](http://www.scriptol.org) (see below).

## Resources and links

- [SEO Tools](#) at Sourceforge.
- The [SEO project](#).
- The [Scriptol Compiler](#). To compile the scripts.
- [Dictionary Maker](#). Scripts to help in building dictionaries.

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