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Installation and Checks

```
$ sudo pacman -S lighttpd

$ sudo bash -c 'cat <<EOF >> /etc/lighttpd/lighttpd.conf
server.modules = (
  "mod_access",
  "mod_accesslog",
)
accesslog.filename = "/var/log/lighttpd/access.log"
EOF'

$ sudo systemctl start lighttpd.service

$ sudo systemctl enable lighttpd.service

$ sudo pacman -S python-html2text

$ curl -s http://localhost | html2text
# Home

Welcome on my homepage.

I have some subsites:

  * [About me](/.about_me.html)
  * [My job](/my job.html)
  * [My hobby](/hobby/index.html)

Thanks for visiting my homepage

The Bad Guy.

$ sudo tail -n 2 /var/log/lighttpd/access.log
127.0.0.1 localhost - [18/Oct/2016:16:50:38 +0200] "GET / HTTP/1.1" 200 638 "-" "curl/7.50.3"
127.0.0.1 bad.guy.local - [18/Oct/2016:16:51:08 +0200] "GET /index.html HTTP/1.1" 200 638
"http://bad.guy.local/my%20job.html" "Mozilla/5.0 (X11; Linux x86_64; rv:49.0) Gecko/20100101
Firefox/49.0"

$ sudo tail /var/log/lighttpd/error.log
2016-10-18 16:49:32: (log.c.217) server started
```
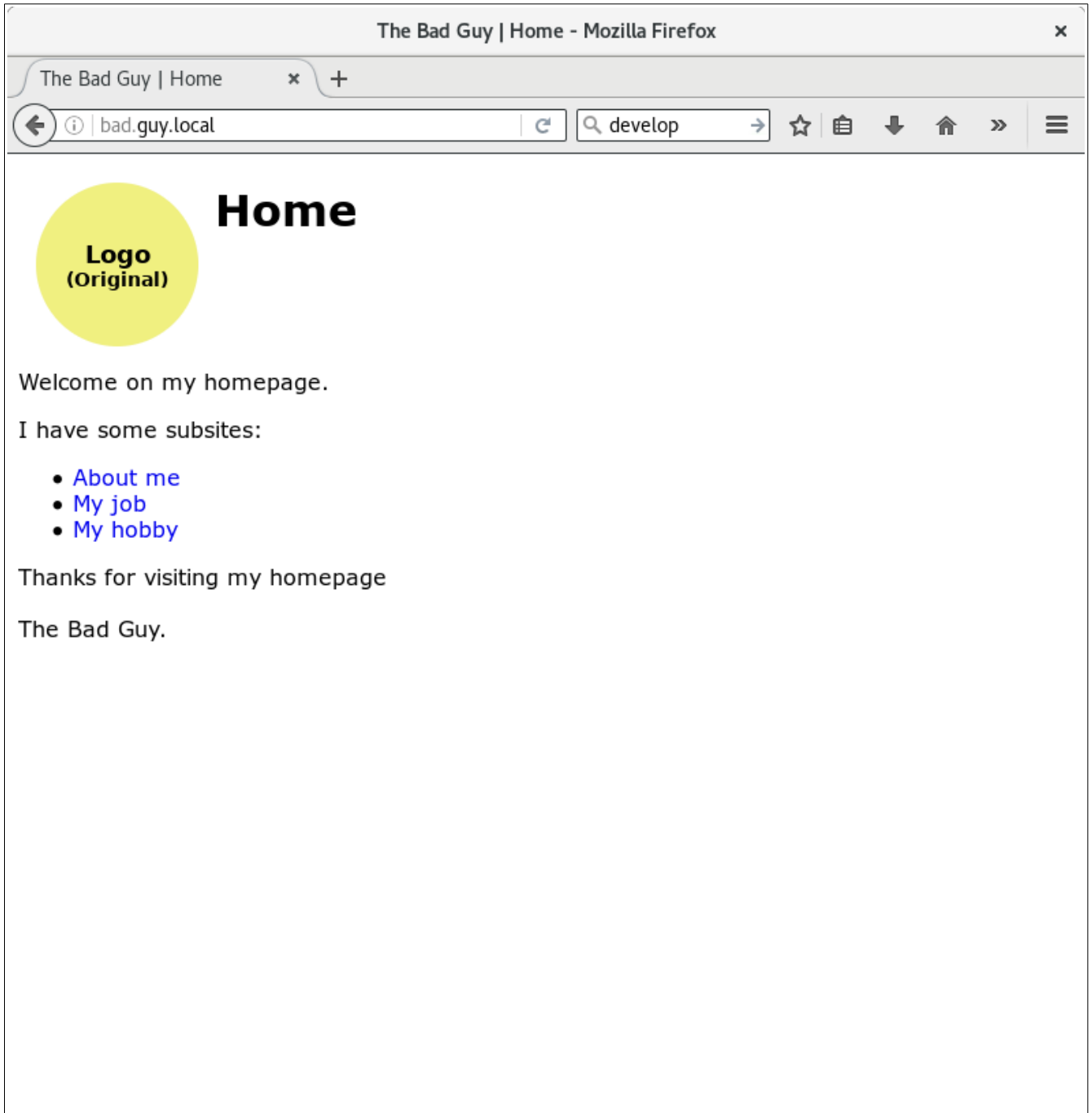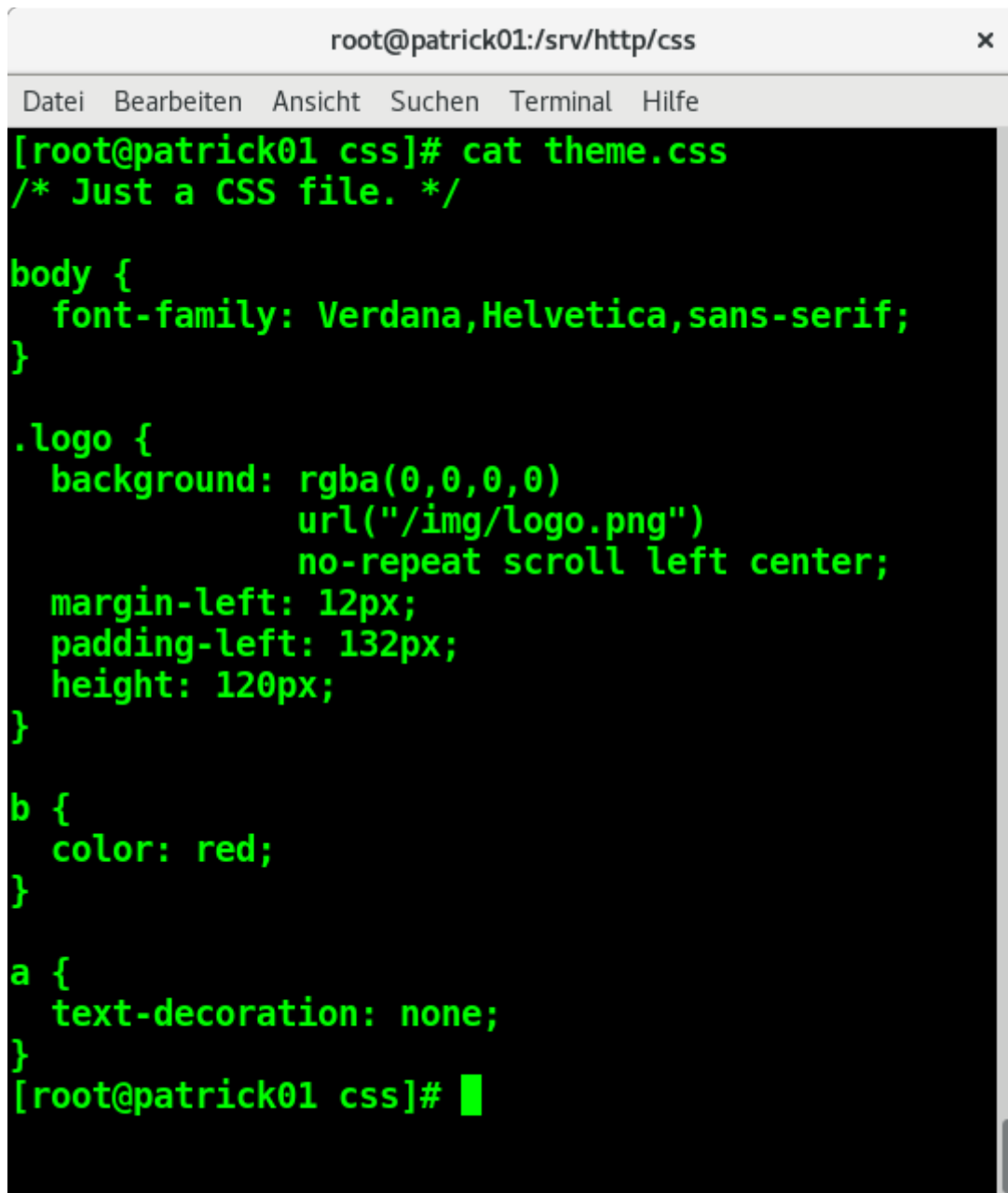
Screenshots and Notes

Home

Notes:
In the root of the document root is a robots.txt placed, that disallows all clients from crawling.
The WSM-script has to ignore this robots.txt! (DONE!)

Logo

```
root@patrick01:/srv/http/css                    ×

Datei  Bearbeiten  Ansicht  Suchen  Terminal  Hilfe

[root@patrick01 css]# cat theme.css
/* Just a CSS file. */

body {
  font-family: Verdana,Helvetica,sans-serif;
}

.logo {
  background: rgba(0,0,0,0)
             url("/img/logo.png")
             no-repeat scroll left center;
  margin-left: 12px;
  padding-left: 132px;
  height: 120px;
}

b {
  color: red;
}

a {
  text-decoration: none;
}
[root@patrick01 css]# 
```
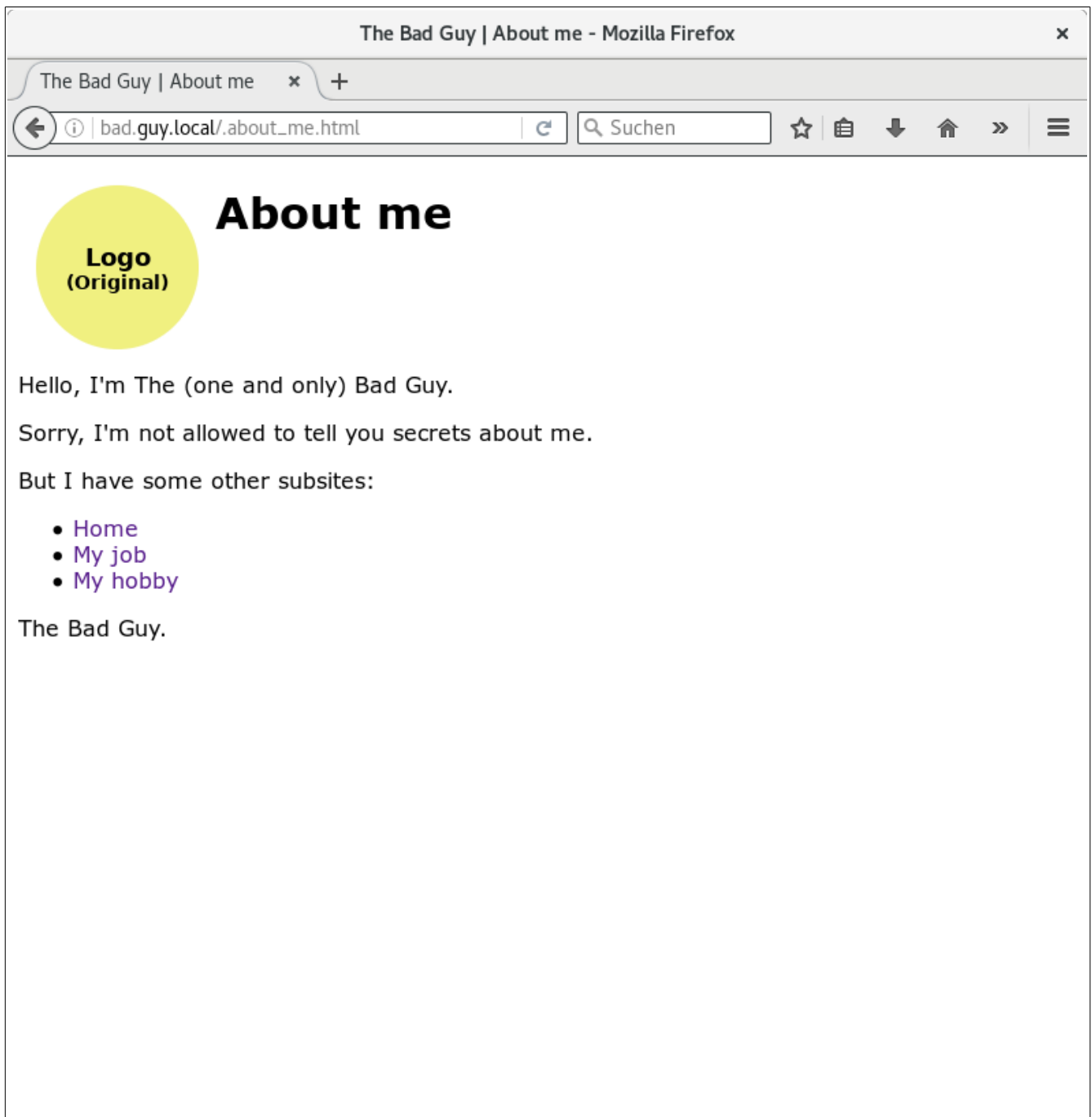
Notes:
The logo (image) is defined per CSS.
The WSM-script has to respect included CSS files in the head of a HTML file! (DONE!)
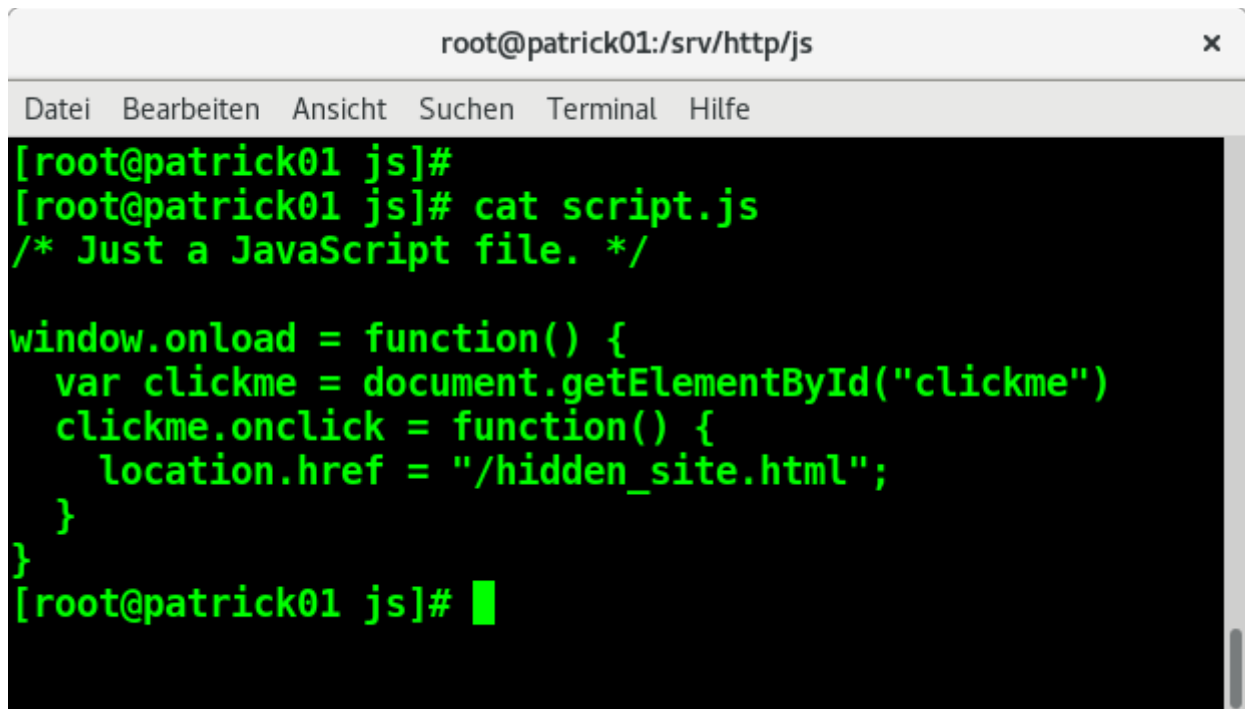
About me

```
The Bad Guy | About me - Mozilla Firefox                            ×

 The Bad Guy | About me    ×    +

 ←   ⓘ  bad.guy.local/.about_me.html      ⟳   🔍 Suchen      ☆ 🗐 ⬇ 🏠 » ☰
```

About me

Logo (Original)

Hello, I'm The (one and only) Bad Guy.

Sorry, I'm not allowed to tell you secrets about me.

But I have some other subsites:

- Home
- My job
- My hobby

The Bad Guy.

Notes:
The „About me" site starts with an dot in the filename.
The WSM-script has to respect hidden files (UNIX)! (DONE!)

JavaScript (TODO!)

```
root@patrick01:/srv/http/js                          ×

Datei  Bearbeiten  Ansicht  Suchen  Terminal  Hilfe

[root@patrick01 js]#
[root@patrick01 js]# cat script.js
/* Just a JavaScript file. */

window.onload = function() {
  var clickme = document.getElementById("clickme")
  clickme.onclick = function() {
    location.href = "/hidden_site.html";
  }
}
[root@patrick01 js]#
```

Notes:
On the „About me" site a click on the Logo and Header will open the „Hidden site".
The WSM-script has to respect included JavaScript files! (TODO!)

Hidden site

„My job"

The Bad Guy | My job - Mozilla Firefox   ×

The Bad Guy | My job   ×   +

← ⓘ | bad.**guy.local**/my job.html   ⟳   🔍 Suchen   ☆ 🗐 ⬇ 🏠 » ≡

My job

Logo (Original)

I hack for money.

Sorry, I'm not allowed to tell you secrets about my job.

But I have some subsites:

- About me
- Home
- My hobby

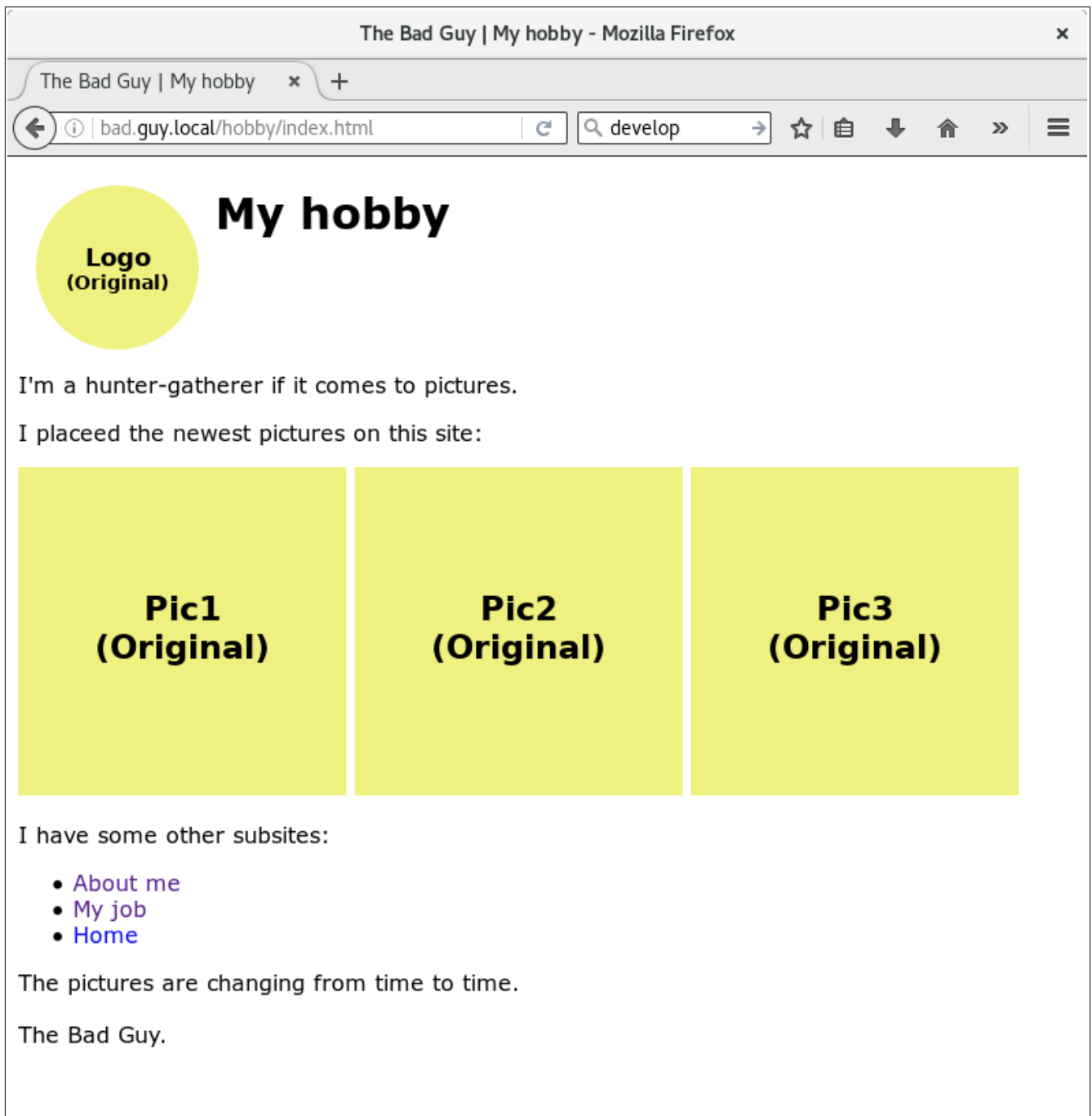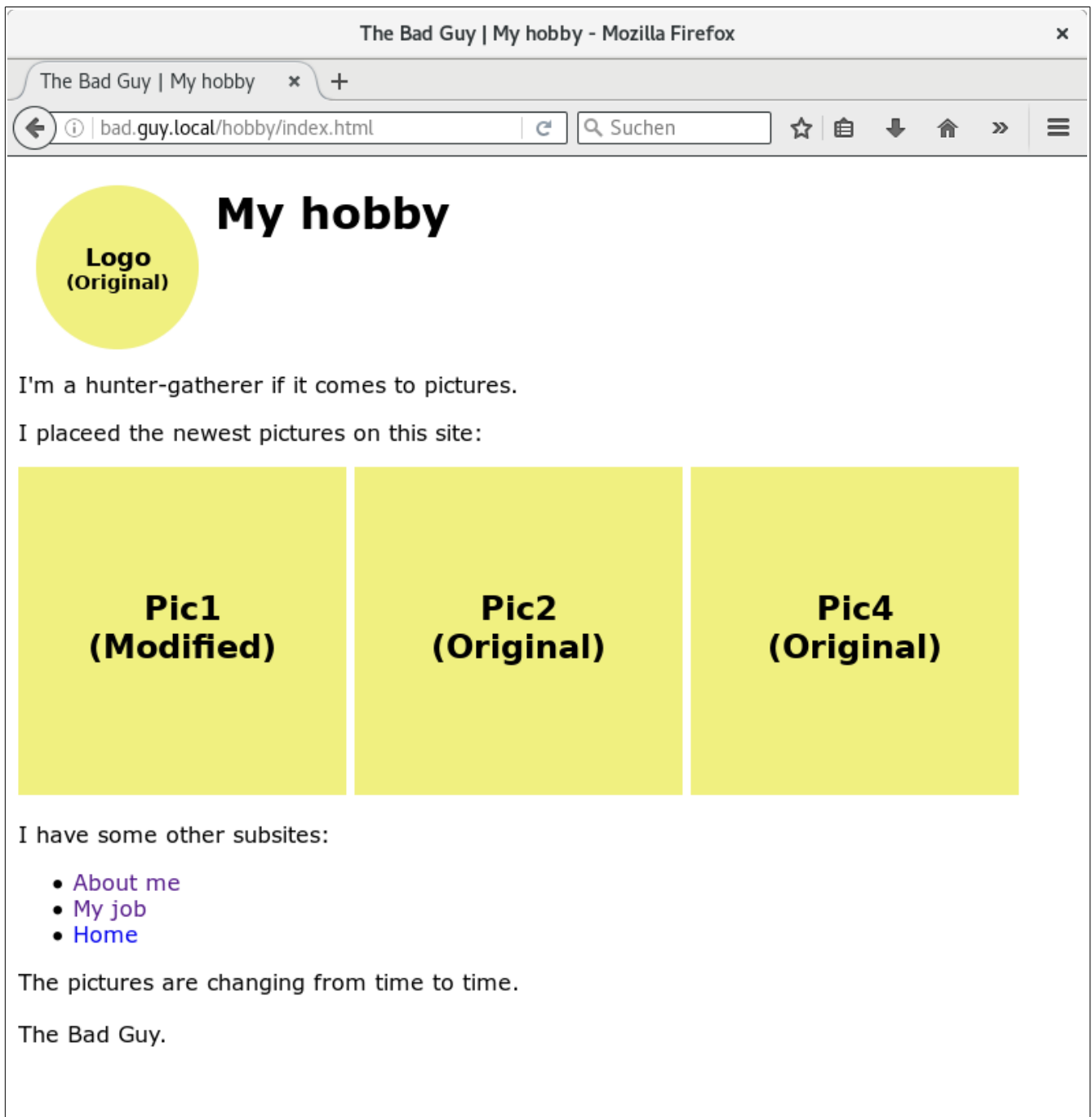The Bad Guy.

Notes:
The filename of the „My job" site contains a space.
The WSM-script has to respect spaces in filenames! (DONE!)

My hobby (before)

I'm a hunter-gatherer if it comes to pictures.

I placeed the newest pictures on this site:

I have some other subsites:

- About me
- My job
- Home

The pictures are changing from time to time.

The Bad Guy.

My hobby (after)

Notes:
Pic1: content has changed.
Pic2: filename has changed.
Pic3: the file was deleted.
Pic4: the file was added as a new one.
The WSM-script has to respect modified, renamed, deleted and new files! (DONE!)