

Beurteilung Spiegelungsfähigkeit

Beschreibung Abspielumgebung

Werktitel	Endlose Liebe. Endless love
Werkversion	18.11.2014
Autor	Frank Klötgen, Joachim Schäfer
Hauptseite-URL	http://www.hirnpoma.de/trashical/
Datum der Sichtung	18.11.2014
Bearbeiter	S. Kuch
Einrichtung	Deutsches Literaturarchiv Marbach
Betriebssystem	Windows XP
Browser	Firefox 17.0.7
Plugins	

Eine Liste aller zum Werk gehörenden und getesteten URLs findet sich im Anhang A. Das Ergebnis der automatisierten Evaluation mittels ArchiveReady findet sich in Anhang B.

Für die Beurteilung der Archivierbarkeit ist die Anzahl der negativ gewerteten Eigenschaften unerheblich.

Teilbereiche

Dieser Beurteilungsleitfaden beruht auf dem Paper „CLEAR: a credible method to evaluate website archivability“¹ und dient als Grundlage für die Entwicklung eines Programms, das die Beurteilung semiautomatisch durchführt.

Zugänglichkeit

1. Validieren alle Hyperlinks? - Ja.
2. Werden Inhalte dynamisch generiert? - Ja.
3. Gibt es bereits eine archivierte Version, z. B. bei archive.org? Welche Qualität hat diese? - Ja, scheinbar funktionsfähig
4. Verfügt die Seite über eine Sitemap? - Nein.
5. Verfügt die Seite über eine robots.txt? Schließt diese Crawler oder bestimmten Content aus? - Nein.
6. Verfügt die Seite über Feeds? - Nein.
7. Werden proprietäre Datenformate (Flash/Quicktime) verwendet? - Nein.

Standardkonformität

1. Validierung referenzierter Medien (Bilder, Audio, Video, ...) - Bestanden.
2. Compliance-Prüfung von Webelementen (HTML, CSS) - nicht bestanden (invalides HTML)

Performanz

Werden Anfragen ausreichend schnell beantwortet? - Eingeschränkt.

Kohäsion

Werden Dateien auf verschiedenen Systemen gehostet? - Ja.

¹ Banos et al.: *CLEAR: a credible method to evaluate website archivability*. Lisabon. 2013.

Metadaten

Sind Metadaten aus HTTP Headern vorhanden? - Nein.

Bemerkungen

Bei der identifizierten externen Ressource handelt es sich um einen Zugriffszähler, der nicht relevant für das Werk ist.

Beurteilung

Der schlechteste Wert aus der Evaluierung aller Dokumente ist maßgeblich für die Archivierbarkeit der gesamten Webressource.

Archivierbarkeit 69%

Anhang A: Liste aller zum Werk gehörenden und getesteten URLs

<http://www.hirnpoma.de/trashical/>
http://www.hirnpoma.de/trashical/deckblatt_g.html
http://www.hirnpoma.de/trashical/index_6s.html
http://www.hirnpoma.de/trashical/index_start.html
http://www.hirnpoma.de/trashical/seitel_g.html
<http://www.hirnpoma.de/trashical/seite5.html>
<http://www.hirnpoma.de/trashical/sound1.html>

Anhang B

URL: <http://www.hirnpoma.de/trashical/>
Testdatum: 2014-11-11 08:25:27.428892
Standard Compliance: 72
Archivierbarkeit: 76
Accessibility: 82
Kohäsion: 50

+++ Meldungen +++

Titel: No sitemap.xml found.
Level: 0
Gewichtung: HIGH
Beschreibung:
Sitemaps are an easy way for webmasters to inform web bots about available web pages so that they can more intelligently crawl the site.

Titel: Local images found: 0, remote images found: 1
Level: 0
Gewichtung: MEDIUM
Beschreibung:
images used in a website but hosted elsewhere may cause problems in web archiving because they may not be captured when the site is archived. What is more, the site is depended on 3rd party sites which may not be available in the future, causing incontrollable problems.

1 remote

images:
 http://www.besucherzaehler-
zugriffszaehler.de/counter.php?id=24534

Titel: Checking 1 images with JHOVE Object Validation Environment
Level: -1

Gewichtung: MEDIUM

Beschreibung:

Format validation is the process of determining the level of compliance of a digital object to the specification for its purported format, e.g.: I have an object purportedly of format F; is it?

Titel: Image checked: http://www.besucherzaehler-
zugriffszaehler.de/counter.php?id=24534

Level: 100

Gewichtung: MEDIUM

Beschreibung:

```
Jhove (Rel. 1.6, 2011-01-04) Date: 2014-11-11 08:25:20 CET
RepresentationInformation: /tmp/16612774 ReportingModule: GIF-hul, Rel. 1.3
(2006-09-05) LastModified: 2014-11-11 08:25:20 CET Size: 452 Format: GIF
Version: 87a Status: Well-Formed and valid SignatureMatches: GIF-hul
MIMEtype: image/gif Profile: GIF 87a GIFmetadata:GraphicRenderingBlocks: 1
Blocks: LogicalScreenDescriptor: LogicalScreenWidth: 75
LogicalScreenHeight: 20 ColorResolution: 7 BackgroundColorIndex: 0
PixelAspectRatio: 0 GlobalColorTableFlag: Global color table follows;
background color index meaningful GlobalColorTableSortFlag: Not ordered
GlobalColorTableSize: 3 GlobalColorTable: 0, 0, 0, 64, 64, 64, 48, 48, 48,
175, 175, 175, 255, 255, 255, 239, 239, 239, 143, 143, 143, 32, 32, 32, 96,
96, 96, 207, 207, 207, 128, 128, 128, 223, 223, 223, 80, 80, 80, 112, 112,
112, 191, 191, 191, 159, 159, 159 ImageDescriptor: ImageLeftPosition: 0
ImageTopPosition: 0 InterlaceFlag: Image is not interlaced
LocalColorTableFlag: No local color table; use global table if available
LocalColorTableSortFlag: Not ordered LocalColorTableSize: 0
NisoImageMetadata: ByteOrder: little_endian CompressionScheme: LZW
ImageWidth: 75 ImageHeight: 20 ColorSpace: palette color Orientation:
normal BitsPerSample: 8 BitsPerSampleUnit: integer
</pre>
```

Titel: You are not using any external proprietary objects (Flash,
Quicktime)

Level: 100

Gewichtung: HIGH

Beschreibung:

Proprietary formats are not recommended for , long term preservation.
Please consider changing , your content to open formats.

Titel: Invalid HTML http://www.hirnpoma.de/trashical/. Located errors,
warnings.

Level: 0

Gewichtung: HIGH

Beschreibung:

Web pages which do not conform with Web Standards have a lower possibility
to be preserved correctly

Titel: 3 valid links identified.

Level: 100

Gewichtung: HIGH
Beschreibung:
No invalid links found.

Titel: No CSS files used in this webpage.
Level: 100
Gewichtung: HIGH
Beschreibung:
The absence of CSS simplifies archiving.

Titel: Local scripts found: 0, remote scripts found: 0
Level: 100
Gewichtung: MEDIUM
Beschreibung:
scripts used in a website but hosted elsewhere may cause problems in web archiving because they may not be captured when the site is archived. What is more, the site is depended on 3rd party sites which may not be available in the future, causing incontrollable problems.

Titel: No inline script elements found
Level: 100
Gewichtung: HIGH
Beschreibung:
Inline JavaScript code inside HTML is considered a bad practice. The absence of inline JavaScript simplifies archiving.

Titel: No Content-Encoding or Transfer-Encoding defined in HTTP Headers.
Level: 50
Gewichtung: MEDIUM
Beschreibung:
The encoding used on the data is not defined. Web bots , would try assume the possible encoding, leading to potential , mistakes. A Transfer-Encoding header field, which can be used , to specify an auxiliary encoding that was applied , to the data in order to allow it to pass through mail , transport mechanisms , which may have data or character set limitations.

Titel: Content type was clearly defined.
Level: 100
Gewichtung: MEDIUM
Beschreibung:
Correctly defined HTTP headers help web bots understand the content.

Titel: HTTP caching headers enabled.
Level: 100
Gewichtung: MEDIUM
Beschreibung:
HTTP Expires: was not defined.
HTTP Last-Modified: was clearly defined in HTTP headers: Mon, 12 Dec 2005 13:02:30 GMT
HTTP Etag was clearly defined in HTTP headers: "7a22773f-11c2-407b958fa8580"
HTTP caching headers are critical to improve web archiving bots performance because they help avoid downloading unmodified content multiple times.

Titel: Network response time is 10 ms

Level: 100

Gewichtung: HIGH

Beschreibung:

Website performance affects greatly the process of data aggregation and web accessibility. Performance evaluation rating is 100 when response time is 200ms or less and 0 when response time is more than 2sec.

URL: http://www.hirnpoma.de/trashical/deckblatt_g.html

Testdatum: 2014-11-11 08:25:55.050609

Standard Compliance: 72

Archivierbarkeit: 89

Accessibility: 82

Kohäsion: 100

+++ Meldungen +++

Titel: No sitemap.xml found.

Level: 0

Gewichtung: HIGH

Beschreibung:

Sitemaps are an easy way for webmasters to inform web bots about available web pages so that they can more intelligently crawl the site.

Titel: Local images found: 1, remote images found: 0

Level: 100

Gewichtung: MEDIUM

Beschreibung:

images used in a website but hosted elsewhere may cause problems in web archiving because they may not be captured when the site is archived. What is more, the site is depended on 3rd party sites which may not be available in the future, causing incontrollable problems.
 1 local images:
 http://www.hirnpoma.de/trashical/graphics_g/endlose_deck_web.gif

Titel: Checking 1 images with JHOVE Object Validation Environment

Level: -1

Gewichtung: MEDIUM

Beschreibung:

Format validation is the process of determining the level of compliance of a digital object to the specification for its purported format, e.g.: I have an object purportedly of format F; is it?

Titel: Image checked:

http://www.hirnpoma.de/trashical/graphics_g/endlose_deck_web.gif

Level: 100

Gewichtung: MEDIUM

Beschreibung:

```
<pre>Jhove (Rel. 1.6, 2011-01-04) Date: 2014-11-11 08:25:48 CET
RepresentationInformation: /tmp/71279259 ReportingModule: GIF-hul, Rel. 1.3
(2006-09-05) LastModified: 2014-11-11 08:25:48 CET Size: 91673 Format: GIF
Version: 89a Status: Well-Formed and valid SignatureMatches: GIF-hul
MIMEtype: image/gif Profile: GIF 89a GIFmetadata: GraphicRenderingBlocks: 1
Blocks: LogicalScreenDescriptor: LogicalScreenWidth: 601
LogicalScreenHeight: 850 ColorResolution: 3 BackgroundColorIndex: 7
PixelAspectRatio: 0 GlobalColorTableFlag: Global color table follows;
background color index meaningful GlobalColorTableSortFlag: Not ordered
GlobalColorTableSize: 2 GlobalColorTable: 251, 228, 107, 246, 221, 106,
```

```
228, 221, 214, 252, 230, 112, 156, 147, 98, 108, 106, 85, 209, 190, 112, 0,
0, 0 GraphicControlExtension: DisposalMethod: No disposal specified
UserInputFlag: User input not expected TransparencyFlag: Transparent index
given DelayTime: 0 TransparentColorIndex: 7 ImageDescriptor:
ImageLeftPosition: 0 ImageTopPosition: 0 InterlaceFlag: Image is not
interlaced LocalColorTableFlag: No local color table; use global table if
available LocalColorTableSortFlag: Not ordered LocalColorTableSize: 0
NisoImageMetadata: ByteOrder: little_endian CompressionScheme: LZW
ImageWidth: 601 ImageHeight: 850 ColorSpace: palette color Orientation:
normal BitsPerSample: 8 BitsPerSampleUnit: integer
</pre>
```

Titel: You are not using any external proprietary objects (Flash,
Quicktime)
Level: 100
Gewichtung: HIGH
Beschreibung:
Proprietary formats are not recommended for , long term preservation.
Please consider changing , your content to open formats.

Titel: Invalid HTML http://www.hirnpoma.de/trashical/deckblatt_g.html.
Located errors, warnings.
Level: 0
Gewichtung: HIGH
Beschreibung:
Web pages which do not conform with Web Standards have a lower possibility
to be preserved correctly

Titel: 1 valid links identified.
Level: 100
Gewichtung: HIGH
Beschreibung:
No invalid links found.

Titel: No CSS files used in this webpage.
Level: 100
Gewichtung: HIGH
Beschreibung:
The absence of CSS simplifies archiving.

Titel: Local scripts found: 0, remote scripts found: 0
Level: 100
Gewichtung: MEDIUM
Beschreibung:
scripts used in a website but hosted elsewhere may cause problems in web
archiving because they may not be captured when the site is archived. What
is more, the site is depended on 3rd party sites which may not be available
in the future, causing incontrollable problems.

Titel: No inline script elements found
Level: 100
Gewichtung: HIGH
Beschreibung:
Inline JavaScript code inside HTML is considered a bad practice. The

absence of inline JavaScript simplifies archiving.

Titel: No Content-Encoding or Transfer-Encoding defined in HTTP Headers.
Level: 50

Gewichtung: MEDIUM

Beschreibung:

The encoding used on the data is not defined. Web bots , would try assume the possible encoding, leading to potential , mistakes. A Transfer-Encoding header field, which can be used , to specify an auxiliary encoding that was applied , to the data in order to allow it to pass through mail , transport mechanisms , which may have data or character set limitations.

Titel: Content type was clearly defined.

Level: 100

Gewichtung: MEDIUM

Beschreibung:

Correctly defined HTTP headers help web bots understand the content.

Titel: HTTP caching headers enabled.

Level: 100

Gewichtung: MEDIUM

Beschreibung:

HTTP Expires: was not defined.
HTTP Last-Modified: was clearly defined in HTTP headers: Thu, 29 Sep 2005 12:22:31 GMT
HTTP Etag was clearly defined in HTTP headers: "7a227736-2bf-401e829baefc0"
HTTP caching headers are critical to improve web archiving bots performance because they help avoid downloading unmodified content multiple times.

Titel: Network response time is 20 ms

Level: 100

Gewichtung: HIGH

Beschreibung:

Website performance affects greatly the process of data aggregation and web accessibility. Performance evaluation rating is 100 when response time is 200ms or less and 0 when response time is more than 2sec.

URL: http://www.hirnpoma.de/trashical/index_6s.html

Testdatum: 2014-11-11 08:33:20.304033

Standard Compliance: 69

Archivierbarkeit: 81

Accessibility: 56

Kohäsion: 100

+++ Meldungen +++

Titel: No sitemap.xml found.

Level: 0

Gewichtung: HIGH

Beschreibung:

Sitemaps are an easy way for webmasters to inform web bots about available web pages so that they can more intelligently crawl the site.

Titel: No images found in this page.

Level: 100

Gewichtung: MEDIUM

Beschreibung:

Therefore, it is easier to be archived.

Titel: You are not using any external proprietary objects (Flash, Quicktime)

Level: 100

Gewichtung: HIGH

Beschreibung:

Proprietary formats are not recommended for , long term preservation. Please consider changing , your content to open formats.

Titel: Invalid HTML http://www.hirnpoma.de/trashical/index_6s.html. Located errors, warnings.

Level: 0

Gewichtung: HIGH

Beschreibung:

Web pages which do not conform with Web Standards have a lower possibility to be preserved correctly

Titel: No CSS files used in this webpage.

Level: 100

Gewichtung: HIGH

Beschreibung:

The absence of CSS simplifies archiving.

Titel: Local scripts found: 0, remote scripts found: 0

Level: 100

Gewichtung: MEDIUM

Beschreibung:

scripts used in a website but hosted elsewhere may cause problems in web archiving because they may not be captured when the site is archived. What is more, the site is depended on 3rd party sites which may not be available in the future, causing incontrollable problems.

Titel: No inline script elements found

Level: 100

Gewichtung: HIGH

Beschreibung:

Inline JavaScript code inside HTML is considered a bad practice. The absence of inline JavaScript simplifies archiving.

Titel: No Content-Encoding or Transfer-Encoding defined in HTTP Headers.

Level: 50

Gewichtung: MEDIUM

Beschreibung:

The encoding used on the data is not defined. Web bots , would try assume the possible encoding, leading to potential , mistakes. A Transfer-Encoding header field, which can be used , to specify an auxiliary encoding that was applied , to the data in order to allow it to pass through mail , transport mechanisms , which may have data or character set limitations.

Titel: Content type was clearly defined.

Level: 100
Gewichtung: MEDIUM
Beschreibung:
Correctly defined HTTP headers help web bots understand the content.

Titel: HTTP caching headers enabled.
Level: 100
Gewichtung: MEDIUM
Beschreibung:
HTTP Expires: was not defined.
HTTP Last-Modified: was clearly defined
in HTTP headers: Thu, 29 Sep 2005 12:23:34 GMT
HTTP Etag was clearly
defined in HTTP headers: "7a227f60-1f9-401e82d7c3d80"
HTTP caching
headers are critical to improve web archiving bots performance because they
help avoid downloading unmodified content multiple times.

Titel: Network response time is 3000 ms
Level: 0
Gewichtung: HIGH
Beschreibung:
Website performance affects greatly the process of data aggregation and web
accessibility. Performance evaluation rating is 100 when response time is
200ms or less and 0 when response time is more than 2sec.

URL: http://www.hirnpoma.de/trashical/index_start.html
Testdatum: 2014-11-11 08:25:28.640683
Standard Compliance: 69
Archivierbarkeit: 81
Accessibility: 56
Kohäsion: 100

+++ Meldungen +++

Titel: No sitemap.xml found.
Level: 0
Gewichtung: HIGH
Beschreibung:
Sitemaps are an easy way for webmasters to inform web bots about available
web pages so that they can more intelligently crawl the site.

Titel: No images found in this page.
Level: 100
Gewichtung: MEDIUM
Beschreibung:
Therefore, it is easier to be archived.

Titel: You are not using any external proprietary objects (Flash,
Quicktime)
Level: 100
Gewichtung: HIGH
Beschreibung:
Proprietary formats are not recommended for , long term preservation.
Please consider changing , your content to open formats.

Titel: Invalid HTML http://www.hirnpoma.de/trashical/index_start.html.

Located errors, warnings.

Level: 0

Gewichtung: HIGH

Beschreibung:

Web pages which do not conform with Web Standards have a lower possibility to be preserved correctly

Titel: No CSS files used in this webpage.

Level: 100

Gewichtung: HIGH

Beschreibung:

The absence of CSS simplifies archiving.

Titel: Local scripts found: 0, remote scripts found: 0

Level: 100

Gewichtung: MEDIUM

Beschreibung:

scripts used in a website but hosted elsewhere may cause problems in web archiving because they may not be captured when the site is archived. What is more, the site is depended on 3rd party sites which may not be available in the future, causing incontrollable problems.

Titel: No inline script elements found

Level: 100

Gewichtung: HIGH

Beschreibung:

Inline JavaScript code inside HTML is considered a bad practice. The absence of inline JavaScript simplifies archiving.

Titel: No Content-Encoding or Transfer-Encoding defined in HTTP Headers.

Level: 50

Gewichtung: MEDIUM

Beschreibung:

The encoding used on the data is not defined. Web bots , would try assume the possible encoding, leading to potential , mistakes. A Transfer-Encoding header field, which can be used , to specify an auxiliary encoding that was applied , to the data in order to allow it to pass through mail , transport mechanisms , which may have data or character set limitations.

Titel: Content type was clearly defined.

Level: 100

Gewichtung: MEDIUM

Beschreibung:

Correctly defined HTTP headers help web bots understand the content.

Titel: HTTP caching headers enabled.

Level: 100

Gewichtung: MEDIUM

Beschreibung:

HTTP Expires: was not defined.
HTTP Last-Modified: was clearly defined in HTTP headers: Thu, 29 Sep 2005 18:33:04 GMT
HTTP Etag was clearly defined in HTTP headers: "7a228032-1ec-401ed56eb9800"
HTTP caching headers are critical to improve web archiving bots performance because they help avoid downloading unmodified content multiple times.

Titel: Network response time is 3000 ms
Level: 0
Gewichtung: HIGH
Beschreibung:
Website performance affects greatly the process of data aggregation and web accessibility. Performance evaluation rating is 100 when response time is 200ms or less and 0 when response time is more than 2sec.

URL: http://www.hirnpoma.de/trashical/seitel_g.html
Testdatum: 2014-11-11 08:28:53.099227
Standard Compliance: 75
Archivierbarkeit: 89
Accessibility: 82
Kohäsion: 100

+++ Meldungen +++

Titel: No sitemap.xml found.
Level: 0
Gewichtung: HIGH
Beschreibung:
Sitemaps are an easy way for webmasters to inform web bots about available web pages so that they can more intelligently crawl the site.

Titel: Local images found: 2, remote images found: 0
Level: 100
Gewichtung: MEDIUM
Beschreibung:
images used in a website but hosted elsewhere may cause problems in web archiving because they may not be captured when the site is archived. What is more, the site is depended on 3rd party sites which may not be available in the future, causing incontrollable problems.
 2 local images:

http://www.hirnpoma.de/trashical/graphics_g/seite2a_web.gif

<http://www.hirnpoma.de/trashical/spacer.gif>

Titel: Checking 2 images with JHOVE Object Validation Environment
Level: -1
Gewichtung: MEDIUM
Beschreibung:
Format validation is the process of determining the level of compliance of a digital object to the specification for its purported format, e.g.: I have an object purportedly of format F; is it?

Titel: Image checked:
http://www.hirnpoma.de/trashical/graphics_g/seite2a_web.gif
Level: 100
Gewichtung: MEDIUM
Beschreibung:
<pre>Jhove (Rel. 1.6, 2011-01-04) Date: 2014-11-11 08:28:47 CET
RepresentationInformation: /tmp/57460978 ReportingModule: GIF-hul, Rel. 1.3
(2006-09-05) LastModified: 2014-11-11 08:28:46 CET Size: 53303 Format: GIF
Version: 89a Status: Well-Formed and valid SignatureMatches: GIF-hul
MIMEtype: image/gif Profile: GIF 89a GIFmetadata: GraphicRenderingBlocks: 1
Blocks: LogicalScreenDescriptor: LogicalScreenWidth: 605

```
LogicalScreenHeight: 850 ColorResolution: 3 BackgroundColorIndex: 7
PixelAspectRatio: 0 GlobalColorTableFlag: Global color table follows;
background color index meaningful GlobalColorTableSortFlag: Not ordered
GlobalColorTableSize: 2 GlobalColorTable: 254, 250, 225, 252, 241, 216,
157, 156, 147, 207, 191, 176, 118, 115, 107, 216, 209, 197, 232, 225, 212,
0, 0, 0 GraphicControlExtension: DisposalMethod: No disposal specified
UserInputFlag: User input not expected TransparencyFlag: Transparent index
given DelayTime: 0 TransparentColorIndex: 7 ImageDescriptor:
ImageLeftPosition: 0 ImageTopPosition: 0 InterlaceFlag: Image is not
interlaced LocalColorTableFlag: No local color table; use global table if
available LocalColorTableSortFlag: Not ordered LocalColorTableSize: 0
NisoImageMetadata: ByteOrder: little_endian CompressionScheme: LZW
ImageWidth: 605 ImageHeight: 850 ColorSpace: palette color Orientation:
normal BitsPerSample: 8 BitsPerSampleUnit: integer
</pre>
```

Titel: Image checked: <http://www.hirnpoma.de/trashical/spacer.gif>

Level: 100

Gewichtung: MEDIUM

Beschreibung:

<pre>Jhove (Rel. 1.6, 2011-01-04) Date: 2014-11-11 08:28:46 CET

RepresentationInformation: /tmp/89572067 ReportingModule: GIF-hul, Rel. 1.3

(2006-09-05) LastModified: 2014-11-11 08:28:46 CET Size: 807 Format: GIF

Version: 89a Status: Well-Formed and valid SignatureMatches: GIF-hul

MIMEtype: image/gif Profile: GIF 89a GIFMetadata: GraphicRenderingBlocks: 1

Blocks: LogicalScreenDescriptor: LogicalScreenWidth: 1 LogicalScreenHeight:

1 ColorResolution: 6 BackgroundColorIndex: 0 PixelAspectRatio: 0

GlobalColorTableFlag: Global color table follows; background color index
meaningful GlobalColorTableSortFlag: Not ordered GlobalColorTableSize: 7

GlobalColorTable: 0, 0, 0, 64, 0, 0, 128, 0, 0, 160, 0, 0, 192, 0, 0, 224,
0, 0, 255, 0, 0, 0, 64, 0, 64, 64, 0, 128, 64, 0, 160, 64, 0, 192, 64, 0,
224, 64, 0, 255, 64, 0, 0, 128, 0, 64, 128, 0, 128, 128, 0, 160, 128, 0,
192, 128, 0, 224, 128, 0, 255, 128, 0, 0, 160, 0, 64, 160, 0, 128, 160, 0,
160, 160, 0, 192, 160, 0, 224, 160, 0, 255, 160, 0, 0, 192, 0, 64, 192, 0,
128, 192, 0, 160, 192, 0, 192, 192, 0, 224, 192, 0, 255, 192, 0, 0, 224, 0,
64, 224, 0, 128, 224, 0, 160, 224, 0, 192, 224, 0, 224, 224, 0, 255, 224,
0, 0, 255, 0, 64, 255, 0, 128, 255, 0, 160, 255, 0, 192, 255, 0, 224, 255,
0, 255, 255, 0, 0, 0, 64, 64, 0, 64, 128, 0, 64, 160, 0, 64, 192, 0, 64,
224, 0, 64, 255, 0, 64, 0, 64, 64, 64, 64, 64, 128, 64, 64, 160, 64, 64,
192, 64, 64, 224, 64, 64, 255, 64, 64, 0, 128, 64, 64, 128, 64, 128, 128,
64, 160, 128, 64, 192, 128, 64, 224, 128, 64, 255, 128, 64, 0, 160, 64, 64,
160, 64, 128, 160, 64, 160, 160, 64, 192, 160, 64, 224, 160, 64, 255, 160,
64, 0, 192, 64, 64, 192, 64, 128, 192, 64, 160, 192, 64, 192, 192, 64, 224,
192, 64, 255, 192, 64, 0, 224, 64, 64, 224, 64, 128, 224, 64, 160, 224, 64,
192, 224, 64, 224, 224, 64, 255, 224, 64, 0, 255, 64, 64, 255, 64, 128,
255, 64, 160, 255, 64, 192, 255, 64, 224, 255, 64, 255, 255, 64, 0, 0, 128,
64, 0, 128, 128, 0, 128, 160, 0, 128, 192, 0, 128, 224, 0, 128, 255, 0,
128, 0, 64, 128, 64, 64, 128, 128, 64, 128, 160, 64, 128, 192, 64, 128,
224, 64, 128, 255, 64, 128, 0, 128, 128, 64, 128, 128, 128, 128, 128, 160,
128, 128, 192, 128, 128, 224, 128, 128, 255, 128, 128, 0, 160, 128, 64,
160, 128, 128, 160, 128, 160, 160, 128, 192, 160, 128, 224, 160, 128, 255,
160, 128, 0, 192, 128, 64, 192, 128, 128, 192, 128, 160, 192, 128, 192,
192, 128, 224, 192, 128, 255, 192, 128, 0, 224, 128, 64, 224, 128, 128,
224, 128, 160, 224, 128, 192, 224, 128, 224, 224, 128, 255, 224, 128, 0,
255, 128, 64, 255, 128, 128, 255, 128, 160, 255, 128, 192, 255, 128, 224,
255, 128, 255, 255, 128, 0, 0, 192, 64, 0, 192, 128, 0, 192, 160, 0, 192,
192, 0, 192, 224, 0, 192, 255, 0, 192, 0, 64, 192, 64, 64, 192, 128, 64,
192, 160, 64, 192, 192, 64, 192, 224, 64, 192, 255, 64, 192, 0, 128, 192,
64, 128, 192, 128, 128, 192, 160, 128, 192, 192, 128, 192, 224, 128, 192,

```
255, 128, 192, 0, 160, 192, 64, 160, 192, 128, 160, 192, 160, 160, 192,
192, 160, 192, 224, 160, 192, 255, 160, 192, 0, 192, 192, 64, 192, 192,
128, 192, 192, 160, 192, 192, 192, 192, 192, 224, 192, 192, 255, 192, 192,
0, 224, 192, 64, 224, 192, 128, 224, 192, 160, 224, 192, 192, 224, 192,
224, 224, 192, 255, 224, 192, 0, 255, 192, 64, 255, 192, 128, 255, 192,
160, 255, 192, 192, 255, 192, 224, 255, 192, 255, 255, 192, 0, 0, 255, 64,
0, 255, 128, 0, 255, 160, 0, 255, 192, 0, 255, 224, 0, 255, 255, 0, 255, 0,
64, 255, 64, 64, 255, 128, 64, 255, 160, 64, 255, 192, 64, 255, 224, 64,
255, 255, 64, 255, 0, 128, 255, 64, 128, 255, 128, 128, 255, 160, 128, 255,
192, 128, 255, 224, 128, 255, 255, 128, 255, 0, 160, 255, 64, 160, 255,
128, 160, 255, 160, 160, 255, 192, 160, 255, 224, 160, 255, 255, 160, 255,
0, 192, 255, 64, 192, 255, 128, 192, 255, 160, 192, 255, 192, 192, 255,
224, 192, 255, 255, 192, 255, 0, 224, 255, 64, 224, 255, 128, 224, 255,
160, 224, 255, 192, 224, 255, 224, 224, 255, 255, 224, 255, 0, 255, 255,
64, 255, 255, 128, 255, 255, 160, 255, 255, 192, 255, 255, 224, 255, 255,
255, 255, 255, 192, 220, 192, 166, 202, 240, 255, 251, 240, 160, 160, 164,
96, 96, 96, 160, 160, 160, 224, 224, 224, 32, 32, 96, 64, 64, 96, 192, 192,
160, 64, 128, 160 GraphicControlExtension: DisposalMethod: No disposal
specified UserInputFlag: User input not expected TransparencyFlag:
Transparent index given DelayTime: 0 TransparentColorIndex: 244
ImageDescriptor: ImageLeftPosition: 0 ImageTopPosition: 0 InterlaceFlag:
Image is not interlaced LocalColorTableFlag: No local color table; use
global table if available LocalColorTableSortFlag: Not ordered
LocalColorTableSize: 0 NisoImageMetadata: ByteOrder: little_endian
CompressionScheme: LZW ImageWidth: 1 ImageHeight: 1 ColorSpace: palette
color Orientation: normal BitsPerSample: 8 BitsPerSampleUnit: integer
</pre>
```

Titel: You are not using any external proprietary objects (Flash, Quicktime)
Level: 100
Gewichtung: HIGH
Beschreibung:
Proprietary formats are not recommended for , long term preservation.
Please consider changing , your content to open formats.

Titel: Invalid HTML http://www.hirnpoma.de/trashical/seitel_g.html. Located errors, warnings.
Level: 0
Gewichtung: HIGH
Beschreibung:
Web pages which do not conform with Web Standards have a lower possibility to be preserved correctly

Titel: 1 valid links identified.
Level: 100
Gewichtung: HIGH
Beschreibung:
No invalid links found.

Titel: No CSS files used in this webpage.
Level: 100
Gewichtung: HIGH
Beschreibung:
The absence of CSS simplifies archiving.

Titel: Local scripts found: 0, remote scripts found: 0
Level: 100
Gewichtung: MEDIUM

Beschreibung:

scripts used in a website but hosted elsewhere may cause problems in web archiving because they may not be captured when the site is archived. What is more, the site is depended on 3rd party sites which may not be available in the future, causing incontrollable problems.

Titel: No inline script elements found
Level: 100

Gewichtung: HIGH

Beschreibung:

Inline JavaScript code inside HTML is considered a bad practice. The absence of inline JavaScript simplifies archiving.

Titel: No Content-Encoding or Transfer-Encoding defined in HTTP Headers.
Level: 50

Gewichtung: MEDIUM

Beschreibung:

The encoding used on the data is not defined. Web bots , would try assume the possible encoding, leading to potential , mistakes. A Transfer-Encoding header field, which can be used , to specify an auxiliary encoding that was applied , to the data in order to allow it to pass through mail , transport mechanisms , which may have data or character set limitations.

Titel: Content type was clearly defined.
Level: 100

Gewichtung: MEDIUM

Beschreibung:

Correctly defined HTTP headers help web bots understand the content.

Titel: HTTP caching headers enabled.
Level: 100

Gewichtung: MEDIUM

Beschreibung:

HTTP Expires: was not defined.
HTTP Last-Modified: was clearly defined in HTTP headers: Thu, 29 Sep 2005 12:27:11 GMT
HTTP Etag was clearly defined in HTTP headers: "7a227f81-747-401e83a6b65c0"
HTTP caching headers are critical to improve web archiving bots performance because they help avoid downloading unmodified content multiple times.

Titel: Network response time is 20 ms
Level: 100

Gewichtung: HIGH

Beschreibung:

Website performance affects greatly the process of data aggregation and web accessibility. Performance evaluation rating is 100 when response time is 200ms or less and 0 when response time is more than 2sec.

URL: <http://www.hirnpoma.de/trashical/seite5.html>

Testdatum: 2014-11-11 08:29:55.170015

Standard Compliance: 75

Archivierbarkeit: 89
Accessibility: 82
Kohäsion: 100

+++ Meldungen +++

Titel: No sitemap.xml found.
Level: 0
Gewichtung: HIGH
Beschreibung:
Sitemaps are an easy way for webmasters to inform web bots about available web pages so that they can more intelligently crawl the site.

Titel: Local images found: 2, remote images found: 0
Level: 100
Gewichtung: MEDIUM
Beschreibung:
images used in a website but hosted elsewhere may cause problems in web archiving because they may not be captured when the site is archived. What is more, the site is depended on 3rd party sites which may not be available in the future, causing incontrollable problems.
 2 local images:
 http://www.hirnpoma.de/trashical/spacer.gif
 http://www.hirnpoma.de/trashical/seite5a.gif

Titel: Checking 2 images with JHOVE Object Validation Environment
Level: -1
Gewichtung: MEDIUM
Beschreibung:
Format validation is the process of determining the level of compliance of a digital object to the specification for its purported format, e.g.: I have an object purportedly of format F; is it?

Titel: Image checked: http://www.hirnpoma.de/trashical/spacer.gif
Level: 100
Gewichtung: MEDIUM
Beschreibung:
<pre>Jhove (Rel. 1.6, 2011-01-04) Date: 2014-11-11 08:29:48 CET
RepresentationInformation: /tmp/41357588 ReportingModule: GIF-hul, Rel. 1.3 (2006-09-05) LastModified: 2014-11-11 08:29:48 CET Size: 807 Format: GIF
Version: 89a Status: Well-Formed and valid SignatureMatches: GIF-hul
MIMEtype: image/gif Profile: GIF 89a GIFmetadata: GraphicRenderingBlocks: 1
Blocks: LogicalScreenDescriptor: LogicalScreenWidth: 1 LogicalScreenHeight: 1
ColorResolution: 6 BackgroundColorIndex: 0 PixelAspectRatio: 0
GlobalColorTableFlag: Global color table follows; background color index meaningful
GlobalColorTableSortFlag: Not ordered GlobalColorTableSize: 7
GlobalColorTable: 0, 0, 0, 64, 0, 0, 128, 0, 0, 160, 0, 0, 192, 0, 0, 224, 0, 0, 255, 0, 0, 0, 64, 0, 64, 64, 0, 128, 64, 0, 160, 64, 0, 192, 64, 0, 224, 64, 0, 255, 64, 0, 0, 128, 0, 64, 128, 0, 128, 128, 0, 160, 128, 0, 192, 128, 0, 224, 128, 0, 255, 128, 0, 0, 160, 0, 64, 160, 0, 128, 160, 0, 160, 160, 0, 192, 160, 0, 224, 160, 0, 255, 160, 0, 0, 192, 0, 64, 192, 0, 128, 192, 0, 160, 192, 0, 192, 192, 0, 224, 192, 0, 255, 192, 0, 0, 224, 0, 64, 224, 0, 128, 224, 0, 160, 224, 0, 192, 224, 0, 224, 224, 0, 255, 224, 0, 0, 255, 0, 64, 255, 0, 128, 255, 0, 160, 255, 0, 192, 255, 0, 224, 255, 0, 255, 255, 0, 0, 0, 64, 64, 0, 64, 128, 0, 64, 160, 0, 64, 192, 0, 64, 224, 0, 64, 255, 0, 64, 0, 64, 64, 64, 64, 64, 64, 128, 64, 64, 160, 64, 64, 192, 64, 64, 224, 64, 64, 255, 64, 64, 0, 128, 64, 64, 128, 64, 128, 128, 64, 160, 128, 64, 192, 128, 64, 224, 128, 64, 255, 128, 64, 0, 160, 64, 64,

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160, 64, 128, 160, 64, 160, 160, 64, 192, 160, 64, 224, 160, 64, 255, 160,
64, 0, 192, 64, 64, 192, 64, 128, 192, 64, 160, 192, 64, 192, 192, 64, 224,
192, 64, 255, 192, 64, 0, 224, 64, 64, 224, 64, 128, 224, 64, 160, 224, 64,
192, 224, 64, 224, 224, 64, 255, 224, 64, 0, 255, 64, 64, 255, 64, 128,
255, 64, 160, 255, 64, 192, 255, 64, 224, 255, 64, 255, 255, 64, 0, 0, 128,
64, 0, 128, 128, 0, 128, 160, 0, 128, 192, 0, 128, 224, 0, 128, 255, 0,
128, 0, 64, 128, 64, 64, 128, 128, 64, 128, 160, 64, 128, 192, 64, 128,
224, 64, 128, 255, 64, 128, 0, 128, 128, 64, 128, 128, 128, 128, 128, 160,
128, 128, 192, 128, 128, 224, 128, 128, 255, 128, 128, 0, 160, 128, 64,
160, 128, 128, 160, 128, 160, 160, 128, 192, 160, 128, 224, 160, 128, 255,
160, 128, 0, 192, 128, 64, 192, 128, 128, 192, 128, 160, 192, 128, 192,
192, 128, 224, 192, 128, 255, 192, 128, 0, 224, 128, 64, 224, 128, 128,
224, 128, 160, 224, 128, 192, 224, 128, 224, 224, 128, 255, 224, 128, 0,
255, 128, 64, 255, 128, 128, 255, 128, 160, 255, 128, 192, 255, 128, 224,
255, 128, 255, 255, 128, 0, 0, 192, 64, 0, 192, 128, 0, 192, 160, 0, 192,
192, 0, 192, 224, 0, 192, 255, 0, 192, 0, 64, 192, 64, 64, 192, 128, 64,
192, 160, 64, 192, 192, 64, 192, 224, 64, 192, 255, 64, 192, 0, 128, 192,
64, 128, 192, 128, 128, 192, 160, 128, 192, 192, 128, 192, 224, 128, 192,
255, 128, 192, 0, 160, 192, 64, 160, 192, 128, 160, 192, 160, 160, 192,
192, 160, 192, 224, 160, 192, 255, 160, 192, 0, 192, 192, 64, 192, 192,
128, 192, 192, 160, 192, 192, 192, 192, 192, 224, 192, 192, 255, 192, 192,
0, 224, 192, 64, 224, 192, 128, 224, 192, 160, 224, 192, 192, 224, 192,
224, 224, 192, 255, 224, 192, 0, 255, 192, 64, 255, 192, 128, 255, 192,
160, 255, 192, 192, 255, 192, 224, 255, 192, 255, 255, 192, 0, 0, 255, 64,
0, 255, 128, 0, 255, 160, 0, 255, 192, 0, 255, 224, 0, 255, 255, 0, 255, 0,
64, 255, 64, 64, 255, 128, 64, 255, 160, 64, 255, 192, 64, 255, 224, 64,
255, 255, 64, 255, 0, 128, 255, 64, 128, 255, 128, 128, 255, 160, 128, 255,
192, 128, 255, 224, 128, 255, 255, 128, 255, 0, 160, 255, 64, 160, 255,
128, 160, 255, 160, 160, 255, 192, 160, 255, 224, 160, 255, 255, 160, 255,
0, 192, 255, 64, 192, 255, 128, 192, 255, 160, 192, 255, 192, 192, 255,
224, 192, 255, 255, 192, 255, 0, 224, 255, 64, 224, 255, 128, 224, 255,
160, 224, 255, 192, 224, 255, 224, 224, 255, 255, 224, 255, 0, 255, 255,
64, 255, 255, 128, 255, 255, 160, 255, 255, 192, 255, 255, 224, 255, 255,
255, 255, 255, 192, 220, 192, 166, 202, 240, 255, 251, 240, 160, 160, 164,
96, 96, 96, 160, 160, 160, 224, 224, 224, 32, 32, 96, 64, 64, 96, 192, 192,
160, 64, 128, 160 GraphicControlExtension: DisposalMethod: No disposal
specified UserInputFlag: User input not expected TransparencyFlag:
Transparent index given DelayTime: 0 TransparentColorIndex: 244
ImageDescriptor: ImageLeftPosition: 0 ImageTopPosition: 0 InterlaceFlag:
Image is not interlaced LocalColorTableFlag: No local color table; use
global table if available LocalColorTableSortFlag: Not ordered
LocalColorTableSize: 0 NisoImageMetadata: ByteOrder: little_endian
CompressionScheme: LZW ImageWidth: 1 ImageHeight: 1 ColorSpace: palette
color Orientation: normal BitsPerSample: 8 BitsPerSampleUnit: integer
</pre>
```

Titel: Image checked: <http://www.hirnpoma.de/trashical/seite5a.gif>

Level: 100

Gewichtung: MEDIUM

Beschreibung:

<pre>Jhove (Rel. 1.6, 2011-01-04) Date: 2014-11-11 08:29:48 CET

RepresentationInformation: /tmp/98479042 ReportingModule: GIF-hul, Rel. 1.3

(2006-09-05) LastModified: 2014-11-11 08:29:48 CET Size: 182413 Format: GIF

Version: 89a Status: Well-Formed and valid SignatureMatches: GIF-hul

MIMEtype: image/gif Profile: GIF 89a GIFMetadata: GraphicRenderingBlocks: 1

Blocks: LogicalScreenDescriptor: LogicalScreenWidth: 718

LogicalScreenHeight: 1008 ColorResolution: 6 BackgroundColorIndex: 7

PixelAspectRatio: 0 GlobalColorTableFlag: Global color table follows;

background color index meaningful GlobalColorTableSortFlag: Not ordered


```
GlobalColorTableSize: 3 GlobalColorTable: 251, 241, 222, 251, 239, 211,
254, 250, 224, 254, 246, 224, 255, 255, 255, 254, 254, 227, 255, 255, 255,
118, 115, 107, 254, 246, 212, 171, 171, 162, 250, 246, 224, 210, 192, 175,
216, 214, 203, 236, 235, 232, 237, 234, 211, 246, 246, 224
GraphicControlExtension: DisposalMethod: No disposal specified
UserInputFlag: User input not expected TransparencyFlag: Transparent index
given DelayTime: 0 TransparentColorIndex: 4 ImageDescriptor:
ImageLeftPosition: 0 ImageTopPosition: 0 InterlaceFlag: Image is interlaced
LocalColorTableFlag: No local color table; use global table if available
LocalColorTableSortFlag: Not ordered LocalColorTableSize: 0
NisoImageMetadata: ByteOrder: little_endian CompressionScheme: LZW
ImageWidth: 718 ImageHeight: 1008 ColorSpace: palette color Orientation:
normal BitsPerSample: 8 BitsPerSampleUnit: integer
</pre>
```

Titel: You are not using any external proprietary objects (Flash,
Quicktime)
Level: 100
Gewichtung: HIGH
Beschreibung:
Proprietary formats are not recommended for , long term preservation.
Please consider changing , your content to open formats.

Titel: Invalid HTML <http://www.hirnpoma.de/trashical/seite5.html>. Located
errors, warnings.
Level: 0
Gewichtung: HIGH
Beschreibung:
Web pages which do not conform with Web Standards have a lower possibility
to be preserved correctly

Titel: 1 valid links identified.
Level: 100
Gewichtung: HIGH
Beschreibung:
No invalid links found.

Titel: No CSS files used in this webpage.
Level: 100
Gewichtung: HIGH
Beschreibung:
The absence of CSS simplifies archiving.

Titel: Local scripts found: 0, remote scripts found: 0
Level: 100
Gewichtung: MEDIUM
Beschreibung:
scripts used in a website but hosted elsewhere may cause problems in web
archiving because they may not be captured when the site is archived. What
is more, the site is depended on 3rd party sites which may not be available
in the future, causing incontrollable problems.

Titel: No inline script elements found
Level: 100

Gewichtung: HIGH

Beschreibung:

Inline JavaScript code inside HTML is considered a bad practice. The absence of inline JavaScript simplifies archiving.

Titel: No Content-Encoding or Transfer-Encoding defined in HTTP Headers.

Level: 50

Gewichtung: MEDIUM

Beschreibung:

The encoding used on the data is not defined. Web bots , would try assume the possible encoding, leading to potential , mistakes. A Transfer-Encoding header field, which can be used , to specify an auxiliary encoding that was applied , to the data in order to allow it to pass through mail , transport mechanisms , which may have data or character set limitations.

Titel: Content type was clearly defined.

Level: 100

Gewichtung: MEDIUM

Beschreibung:

Correctly defined HTTP headers help web bots understand the content.

Titel: HTTP caching headers enabled.

Level: 100

Gewichtung: MEDIUM

Beschreibung:

HTTP Expires: was not defined.
HTTP Last-Modified: was clearly defined in HTTP headers: Thu, 29 Sep 2005 12:32:14 GMT
HTTP Etag was clearly defined in HTTP headers: "7a227fa1-b08-401e84c7acf80"
HTTP caching headers are critical to improve web archiving bots performance because they help avoid downloading unmodified content multiple times.

Titel: Network response time is 10 ms

Level: 100

Gewichtung: HIGH

Beschreibung:

Website performance affects greatly the process of data aggregation and web accessibility. Performance evaluation rating is 100 when response time is 200ms or less and 0 when response time is more than 2sec.

URL: <http://www.hirnpoma.de/trashical/sound1.html>

Testdatum: 2014-11-11 08:25:55.912261

Standard Compliance: 44

Archivierbarkeit: 69

Accessibility: 33

Kohäsion: 100

+++ Meldungen +++

Titel: No sitemap.xml found.

Level: 0

Gewichtung: HIGH

Beschreibung:

Sitemaps are an easy way for webmasters to inform web bots about available web pages so that they can more intelligently crawl the site.

Titel: No images found in this page.
Level: 100
Gewichtung: MEDIUM
Beschreibung:
Therefore, it is easier to be archived.

Titel: You are using proprietary external objects (Flash, Quicktime).
Level: 0
Gewichtung: HIGH
Beschreibung:
Proprietary formats are not recommended for , long term preservation.
Please consider changing , your content to open formats.

Titel: Invalid HTML http://www.hirnpoma.de/trashical/sound1.html. Located errors, warnings.
Level: 0
Gewichtung: HIGH
Beschreibung:
Web pages which do not conform with Web Standards have a lower possibility to be preserved correctly

Titel: No CSS files used in this webpage.
Level: 100
Gewichtung: HIGH
Beschreibung:
The absence of CSS simplifies archiving.

Titel: Local scripts found: 0, remote scripts found: 0
Level: 100
Gewichtung: MEDIUM
Beschreibung:
scripts used in a website but hosted elsewhere may cause problems in web archiving because they may not be captured when the site is archived. What is more, the site is depended on 3rd party sites which may not be available in the future, causing incontrollable problems.

Titel: No inline script elements found
Level: 100
Gewichtung: HIGH
Beschreibung:
Inline JavaScript code inside HTML is considered a bad practice. The absence of inline JavaScript simplifies archiving.

Titel: No Content-Encoding or Transfer-Encoding defined in HTTP Headers.
Level: 50
Gewichtung: MEDIUM
Beschreibung:
The encoding used on the data is not defined. Web bots , would try assume the possible encoding, leading to potential , mistakes. A Transfer-Encoding header field, which can be used , to specify an auxiliary encoding that was applied , to the data in order to allow it to pass through mail , transport mechanisms , which may have data or character set limitations.

Titel: Content type was clearly defined.
Level: 100
Gewichtung: MEDIUM
Beschreibung:
Correctly defined HTTP headers help web bots understand the content.

Titel: HTTP caching headers enabled.
Level: 100
Gewichtung: MEDIUM
Beschreibung:
HTTP Expires: was not defined.
HTTP Last-Modified: was clearly defined
in HTTP headers: Thu, 29 Sep 2005 12:39:39 GMT
HTTP Etag was clearly
defined in HTTP headers: "7a227fbc-189-401e86700f8c0"
HTTP caching
headers are critical to improve web archiving bots performance because they
help avoid downloading unmodified content multiple times.

Titel: Network response time is 3000 ms
Level: 0
Gewichtung: HIGH
Beschreibung:
Website performance affects greatly the process of data aggregation and web
accessibility. Performance evaluation rating is 100 when response time is
200ms or less and 0 when response time is more than 2sec.