

446f6373 88 5475746f7269616c

5475746f7269616c

4173 61 7374616e64616c6f6e65 70726f6772616d

4f6e6369 796f75 68617665 57656173795072696e74 696e7374616c6c65642c 796f75 73686f756c69 68617665 6f weasyprint

65786563757461626c652e 5573696e67 6974 63616e 6265 6173 73696d706c65 6173 746869733a

```
weasyprint http://weasyprint.org /tmp/weasyprint-website.pdf
```

888f93 888f93 738383 778f938e898e6793 8f8f 737464657272 81828f9379 938e7375708f8f948f8f 438383
88726f70657274698989832e 598383 438f8888818e8988888888 418888 888f93 746865 84857461898c73 8f88 818c8c
817861898c61626c83 8f9893888f8e792e

898e 708f72746963756c61722c 746865 -s 6f7074696f6e 63616e 616464 61 66696c656e616d65 666f72 61 73736572
7374796c6573686565742e 466f72 7175696368 6578706572696d656e746174696f6e 686f77657665722c 796f75 6d6179 6e6f74
77616e74 746f 637265617465 61 68696c652e 498e 62617368 6f72 7a73682c 796f75 63616e 757365 746865 7368656c6c1973
7265646972656374696f6e 696e73746561643a

```
weasyprint http://weasyprint.org /tmp/weasyprint-website.pdf \  
-s <(echo 'body { font-family: serif !important }')
```

898e 796f75 68617665 6d616e79 646f63756d656e7473 746f 636f6e70657274 796f75 6d6179 707265666572 7573696e67 746865
888f93888f93 888f93 888f 6c6f6e672d6c69706564 70726f636573736573 746f 61766f6964 706179696e67 746865 73746172742d
7570 636f737473 6570657273 74696d652e

41646a757374696e67 446f63756d656e74 44696d656e73696f6e73

43757272656e746c792c 57656173795072696e74 646f6573 6e6f74 70726f76696465 737570706f7274 666f72 61646a757374696e67
70616765 73697a65 888f 646f63756d656e74 6d617269696e73 706961 636f6d6d616e642d6c696e65 666c6167732e 54686973 6973
62657374 6163636f6d706c6973686564 77697468 746865 435353 @page 61742d72756c652e 436f6e7369646572 746865
666f6c6c6f77696e67 6578616d706c653a

```
@page {  
  size: Letter; /* Change from the default size of A4 */  
  margin: 2.5cm; /* Set margin on each page */  
}
```

@page

08090909 **0909200729500909** **010606** **08090909** **0106** **09080109080809** **0809290929**

00 00 00 00 00 00 00 00 00 00
41 73 61 50 79 74 68 6F 6E 6C 69 62 72 61 72 79

F0	00	00	00	00	00	00	00	00	00
6A	41	74	74	65	6E	74	69	6F	6E

[illegible]

51 75 69 63 6B 73 74 61 72 74

546865 507974686F6E 76657273696F6E 6F66 746865 61626F7665 6578616D706C65 676F6573 6C696865 746869733A

```
from weasyprint import HTML
HTML('http://weasyprint.org/').write_pdf('/tmp/weasyprint-website.pdf')
```

20	0000	00000000	000000	000000000000	0000000000000000000000000000
26	6F72	77697468	746865	696E6C696E65	7374796C6573686565743A

```
from weasyprint import HTML, CSS
HTML('http://weasyprint.org/').write_pdf('/tmp/weasyprint-website.pdf',
    stylesheets=[CSS(string='body { font-family: serif !important }')])
```

49 6E 73 74 61 6E 74 69 61 74 69 6E 67 48 54 4D 4C 61 6E 64 43 53 53 6F 62 6A 65 63 74 73

4986 79675 68617665 61 66696665 666166652C 616E 6162736F6C757465 55524C 6F72 61 7265616461626C65 66696C69

HTML

CSS

69 6E 73 74 61 6E 63 65 2E 41 6C 74 65 72 6E 61 74 69 76 65 6C 79 2C 75 73 65 61 6E 61 6D 65 64 61 72 67 75 6D 65 6E 74 73 6F 74 68 61 74 6E 6D

67 75 65 73 73 69 6E 67 69 73 69 6E 76 6F 6C 76 65 64 3A

```
from weasyprint import HTML

HTML('../foo.html') # Same as ...
HTML(filename='../foo.html')

HTML('http://weasyprint.org') # Same as ...
HTML(url='http://weasyprint.org')

HTML(sys.stdin) # Same as ...
HTML(file_obj=sys.stdin)
```

from weasyprint import HTML, CSS

HTML('<h1>foo') would be filename

HTML(string=''

<h1>The title</h1>

<p>Content goes here

'')

CSS(string='@page { size: A3; margin: 1cm }')

@font-face

FontConfiguration

```
from weasyprint import HTML, CSS
from weasyprint.fonts import FontConfiguration

font_config = FontConfiguration()
html = HTML(string='<h1>The title</h1>')
css = CSS(string='''
    @font-face {
        font-family: Gentium;
        src: url(http://example.com/fonts/Gentium.otf);
    }
    h1 { font-family: Gentium }''', font_config=font_config)
html.write_pdf(
    '/tmp/example.pdf', stylesheets=[css],
    font_config=font_config)
```

HTML

write_pdf()

write_png()

HTML

write_pdf()

write_png()

HTML

write_pdf()

write_png()

496E646976696475616C 70616765732C 6D6574612D646174612C 6F74686572 6F7574707574
666F726D6174732C 26

0000 090075 77616E74 6D6F7265 7468616E 61 73696E676C65 5044402C 746865 render() 6D6574686F64 6769766573
000075 61 Document 6F626A686374 77697968 6163696973 746F 696E646870686475616C Page 6F626A686374732E
64687573 796F75 63616E 676574 746865 6E756D626572 6F66 70616765732C 7468656972 73697A65 6E617C 746865
64657461696C73 6F66 68797065726C696E6873 616E64 626F6F686D617268732C 6574632E 446F63756D656E7473 616C736F 68617665
write_pdf() 616E64 write_png() 6D6574686F64732C 616E64 796F75 63616E 676574 61 737562736574 6F66 746865
7061676573 77697468 7061676573 2E 46696E616C6C792C 666F72 756C74696D617465 636F6E74726F6C2C paint()
696E64697068696475616C 7061676573 616E797768657265 6F66 616E79 74796865 6F66 636169726F 737572686163652E

683168 6861676573 686E 796865 73696865 646E6375686E6F74 646F 6E6F74 616C77617973 68617665 796865 73696865 73697A652E

636565 746865 507974686F6E 415049 666F72 64657461696C732E 41 666577 72616E646F6D 6578616D706C65733A

```
# Write odd and even pages separately:  
# Lists count from 0 but page numbers usually from 1  
# [:2] is a slice of even list indexes but odd-numbered pages.  
document.copy(document.pages[:2]).write_pdf('odd_pages.pdf')  
document.copy(document.pages[1:2]).write_pdf('even_pages.pdf')
```

```
# Write one PNG image per page:  
for i, page in enumerate(document.pages):  
    document.copy([page]).write_png('page_%s.png' % i)
```

```
# Some previous versions of WeasyPrint had a method like this:  
def get_png_pages(document):  
    """Yield (png_bytes, width, height) tuples."""  
    for page in document.pages:  
        yield document.copy([page]).write_png()
```

```

# Print the outline of the document.
# Output on http://www.w3.org/TR/CSS21/intro.html
# 1. Introduction to CSS 2.1 (page 2)
# 1. A brief CSS 2.1 tutorial for HTML (page 2)
# 2. A brief CSS 2.1 tutorial for XML (page 5)
# 3. The CSS 2.1 processing model (page 6)
# 1. The canvas (page 7)
# 2. CSS 2.1 addressing model (page 7)
# 4. CSS design principles (page 8)
def print_outline(bookmarks, indent=0):
    for i, bookmark in enumerate(bookmarks, 1):
        page = bookmark.destination[0]
        print('%s%d. %s (page %d)' % (
            ' ' * indent, i, bookmark.label.lstrip('0123456789. '), page))
        print_outline(bookmark.children, indent + 2)
print_outline(document.make_bookmark_tree())

```

```

# PostScript on standard output:
surface = cairo.PSSurface(sys.stdout, 1, 1)
context = cairo.Context(surface)
for page in document.pages:
    # 0.75 = 72 PostScript point per inch / 96 CSS pixel per inch
    surface.set_size(page.width * 0.75, page.height * 0.75)
    page.paint(context, scale=0.75)
    surface.show_page()
surface.finish()

```

```

000000 0000000000000000 00000000 000000000000 00 000000 00000000000000 0000 0000000000 0000000000000000 0000 0000000000 0000000000000000
55524C 6665746368657273

```

```

00000000000000000000000000 00000000 0000000000000000 00 000000 00000000000000 0000 000000000000 0000000000000000 0000 000000000000 0000000000000000
726373687572636573 73756368 6173 696061676373 6F72 435353 7374796C657368656374732E 646865 64636661756C74
00000000000000 000000 0000 000000000000 0000 000000 00000000000000000000000000 000000 0000000000000000
00637468656E74 64686573 6E6F74 7375707068687274 616476616E636564 6663617475726573 6C696865 636F6F68696573 6F72
000000000000 00000000 000000 00000000000000 0000000000 0000 000000000000000000 00000000 00000000000000 0000
61757468656E746865617468686E72 64686900 63616E 6265 776F726865642061726F756E64 6279 70617373686E67 61 637573746F68
url_fetcher 63616C6C61626C65 746F 746865 HTML 6F72 CSS 636C61737365732E 4874 60757374 68617665 746865
73616068 7369676E6174757265 6173 default_url_fetcher() 00

```

```

000000000000 0000000000000000 000000 000000000000 0000 000000000000 00000000 00000000 000000 0000000000
0F7468657273 746F 746865 64656861756C74 6665746368657273A

```

```

from weasyprint import default_url_fetcher, HTML

def my_fetcher(url):
    if url.startswith('graph:'):
        graph_data = map(float, url[6:].split(','))
        return dict(string=generate_graph(graph_data),
                     mime_type='image/png')
    return weasyprint.default_url_fetcher(url)

source = ''
HTML(string=source, url_fetcher=my_fetcher).write_pdf('out.pdf')

```

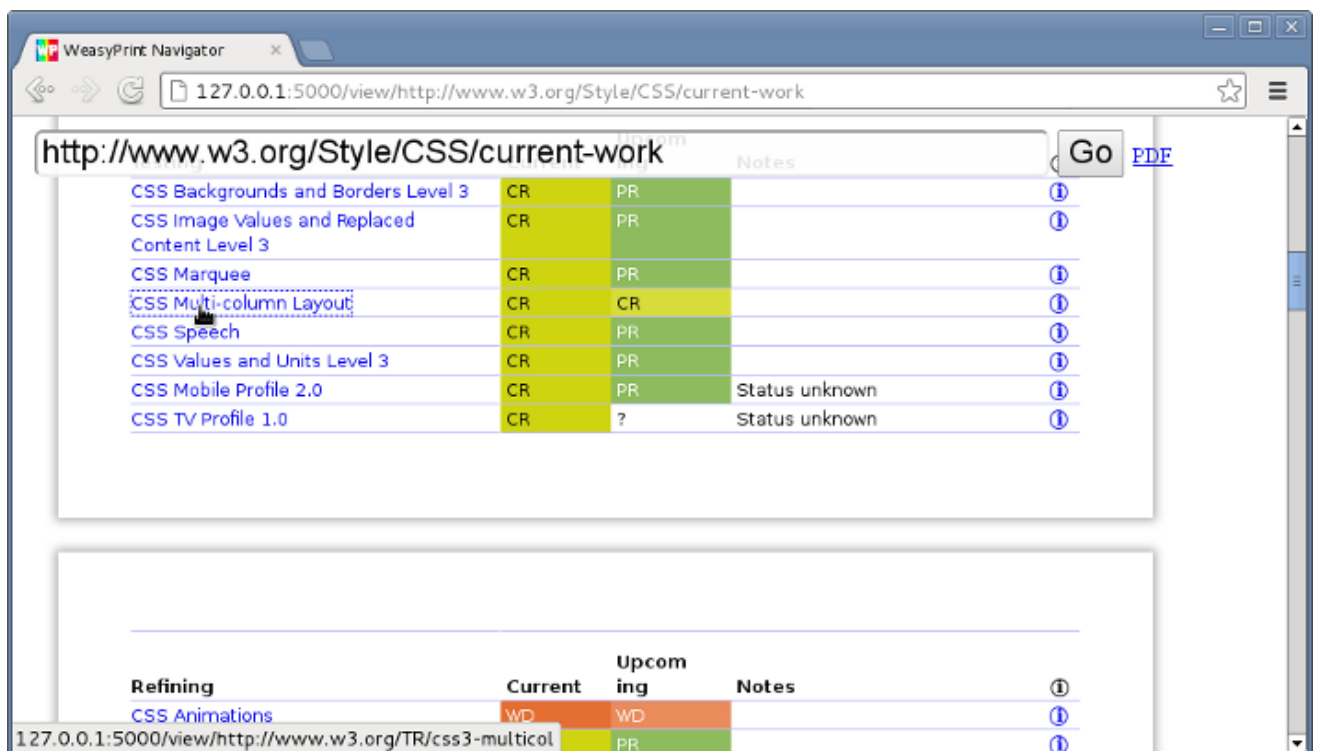
[illegible]

0308 01 file_obj 0903 090908080802 040808 0209030809020308 07080808 0208 03080808080808
 090903080808080909080808080808 0908 090808 0809080808 0808080808080808 09090808 0808 0708080808080808
 0408 0908090908080808 0409030808080808 08080808090908080808 0909080808080808 09090808 0808080808080808

00 4C	00 6F	00 67	00 67	00 69	00 6E	00 67
----------	----------	----------	----------	----------	----------	----------

[illegible]

```
import logging
logger = logging.getLogger('weasyprint')
logger.addHandler(logging.FileHandler('/path/to/weasyprint.log'))
```



00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
57	65	61	73	79	50	72	69	6E	74	52	65	6E	64	65	72	65	72		

```
python -m weasyprint.tools.renderer
```

00	00	00	00	00	00	00	00
53	65	63	75	72	69	74	79

[illegible][illegible][illegible]000000
755753474920

[illegible]

53797374656D 696E666F726D6174696F6E 6C65616B73

57656177797872696E74 72696C696973 696E 68696978 6C6969726172696973 74686179 63616E 6C696168 6861726477617268
616E64 7969687977617265 686E686F7268617468696262 6978656E 7769686E 74686978 686E686F72686174686962 6C69686873
697369686979736C 6974 63616E 6263 75796964 6279 676774616368697273 746F 6378786C6F6974 6F74686972 7968637372697479
62726561636869732E

4C65616873 63616E 696E636C756465 28627574 617269 6E6F74 72657374726963746564 746F293A

29 686F63696C79 696E7374616C6C6564 686F6E7473 287569696967 font-family 616E64 @font-face 292C
22 686574776F7268 636F6E66696775726174696F6E 2849587634 616E64 49587638 737578786F72742C 4958
61646472657373696E672C 6669726577616C6C 636F6E66696775726174696F6E2C 7573696E67 http:// 55524973 616E64
7472616368696E67 74696969 75736564 746F 72656E646572 646F63756D656E7473292C
29 6861726477617265 616E64 736F687477617265 75736964 686F72 67726178686963616C 72656E646572696E67 286173
636169726F 72656E646572696969 63616E 6368616E6765 77697468 435853 616E64 696969 6665617475726573292C
29 687974686F6E2C 636169726F6C 58616E676F 616E64 6F74686972 6C6962726172696573 76657273696F6E73
28696D786C656D656E746174696F6E 64657461696C73 6C656164 746F 646966666572656E74 72656E646572696E6773292E

535647 696D61676573

57656177797872696E74 72696C696973 696E 436169726F6E655847 746F 72656E646572 535647 68696C65732E 4361697269655647
686F7265 6F72 6C657373 73736668697273 66726F6D 746865 73616D65 78726F626C656D73 6173 746865 6F6E6573 6C6973746564
68697268 686F72 576561737969696969696969

6365637572697479 61647669636573 6178786C79 686F72 756E74727573746564 535647 68696C6573 6173 74686573 6178786C79
686F72 796E74727579746564 48544D4C 616E64 435353 646F63756D656E74732E

4E6F7465 74686174 57656173796972696E74 6769766973 436169726F655847 697473 53524C 686574636869726E

4572726F7273

6968 796979 676974 676E 65786365786974696F6E 64697269696E67 72656E646572696E672C 6974 6973 78726F6961626C69 67 627969
696E 57686173796972696E692E 686C69617365 636F7869 746865 68796C6C 747261636962616968 616E64 7265786F7269 6974 6F6E
6F7572 6973737365 74726163686965722E

5374796C657368656574 6F726967696E73

48547D4C 646F63756D656E7473 617265 72656E6465726564 77697468 7374796C65736865657473 68726F6D 7468726569
6F726967696E733A

29 686865 48544D4C35 75736572 6167656E74 7374796C657368656574 28646566696E6573 746865 64656661756C74
617878656172616E6969 6F68 48544D4C 636C656D656E74732938
29 6869696972 7374796C65736865657473 6568626564646564 696E 746865 646F63756D656E74 696E <style>
636C656D656E7473 6F72 6C696E686564 6279 <link rel=stylesheet> 636C656D656E747338

29 09090909 09090909090909090909 0909090909090909 0909 090909 09090909
22 55736572 7374796C65736865657473 79726F7669646564 696F 746865 4158492E

09090909 0909 09090909 09090909 09090909 09090909090909090909 09090909 09 0909090909 090909090909090909 09090909 61 0909090909 090909090909090909 09090909
617574686F72 7374796C65736865657473 696F 746865 636173636164652C 756E6C657373 796F75 757365 21696D786F7274616E74
0909 09090909090909090909 0909 0909 0909090909 0909090909 0909090909090909 09090909 09090909 09090909090909090909