Ruby master - Bug #16765
Crash when use sass image-url in email layout
04/06/2020 09:35 PM - chellgouda (Mitchell Gould)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Feedback</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td></td>
</tr>
<tr>
<td>ruby -v:</td>
<td>ruby 2.5.7p206 (2019-10-01 revision 67816) [x86_64-darwin18]</td>
</tr>
<tr>
<td>Backport:</td>
<td>2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN</td>
</tr>
</tbody>
</table>

Description
I have the following layout I use for my emails:

mailer.html.slim

doctype html
html
head
meta(charset='utf-8')
meta(http-equiv="Content-Type" content="text/html")

css:

```
.footer-box:after {
  content: ''; 
  width: 100%;
  height: 100%;
  opacity: 0.1;
  position: absolute;
  top: 0;
  left: 0;
  background: image-url( 'logo/gould_logo_black.png' ) no-repeat bottom 15% right -15%;
  background-size: 30%;
}
```

This causes a crash

Using slim 4.0.1
Using slim-rails 3.2.0
Using sassc 2.2.1

Rails 5.2.4.2

History
#1 - 04/06/2020 09:37 PM - chellgouda (Mitchell Gould)
- ruby -v set to ruby 2.5.7p206 (2019-10-01 revision 67816) [x86_64-darwin18]
- File ruby_2020-04-06-170518_Mitchells-MacBook-Pro-3.crash added

doctype html
html
head
meta(charset='utf-8')
meta(http-equiv="Content-Type" content="text/html")

css:

```
\footer-box:after { 
  content: ''; 
  width: 100%;
  height: 100%;
  opacity: 0.1;
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  left: 0;
  background: image-url('@'logo/gould_logo_black.png') no-repeat bottom 15% right -15%;
  background-size: 30%;
}
```

This causes a crash

Using slim 4.0.1
Using slim-rails 3.2.0
Using sassc 2.2.1

Rails 5.2.4.2

#2 - 04/06/2020 09:56 PM - jeremyevans0 (Jeremy Evans)
- Status changed from Open to Feedback

Unfortunately, the crash report does not provide the relevant debugging information:

Thread 22 Crashed: thread_pool.rb*
0  libsystem_kernel.dylib 0x00007fff6cd2c33a __pthread_kill + 10
1  libsystem_pthread.dylib 0x00007fff6cde8e60 pthread_kill + 430

05/10/2020
It does appear to be a null pointer dereference:

Exception Type: EXC_BAD_ACCESS (SIGABRT)
Exception Codes: KERN_INVALID_ADDRESS at 0x0000000000000000

While there isn't much to go by, it seems likely to be a bug in sassc. There are other null pointer dereference bugs on their issue tracker already: https://github.com/sass/sassc-ruby/issues

Can you reproduce this issue without sassc?

Files

<table>
<thead>
<tr>
<th>File Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>ruby_2020-04-06-170518_Mitchells-MacBook-Pro-3.crash</td>
<td>72.3 KB</td>
<td>04/06/2020</td>
<td>chellgouda (Mitchell Gould)</td>
</tr>
</tbody>
</table>