

# Re: calling style sheets

---

*Source:*

<http://www.tech-archive.net/Archive/VisualStudio/microsoft.public.vsnnet.general/2008-03/msg00048.html>

---

- *From:* [stcheng@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:stcheng@xxxxxxxxxxxxxxxxxxxxxxxx) ("Steven Cheng")
  - *Date:* Tue, 11 Mar 2008 02:16:30 GMT
- 

Thanks for your reply Jrl,

So you do not want to page to "EnableTheming=true" and automatically link all those css stylesheets in Theme folder?

If you want to explicitly reference the css styesheet and use a "~/ ..." based url(which is ASP.NET application specific path), you can consider the following approach:

#1 make sure <head> is not runat ="server" and use inline code to inject the path of the css style:

=====

<head>

....

```
<link rel="Stylesheet" href='<%=  
Page.ResolveUrl("~/App_Themes/Theme1/othersheet.css") %>' />
```

=====

#2 or you can let <head> ast "runat=server" and use codebehind to add the css style reference.

=====

<head runat="server" >

```
protected void Page_Load(object sender, EventArgs e)  
{
```

```
    HtmlLink csslink = new HtmlLink();  
    csslink.Attributes["type"] = "text/css";  
    csslink.Attributes["rel"] = "stylesheet";  
    csslink.Attributes["href"] =  
    Page.ResolveUrl("~/App_Themes/Theme1/othersheet.css");
```

```
    Page.Header.Controls.Add(csslink);  
}
```

Re: calling style sheets

=====

Best regards,

Steven Cheng  
Microsoft MSDN Online Support Lead

Delighting our customers is our #1 priority. We welcome your comments and suggestions about how we

can improve the support we provide to you. Please feel free to let my manager know what you think of

the level of service provided. You can send feedback directly to my manager at: msdnmg@xxxxxxxxxxxxxxxx

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-----

X-Trace-PostClient-IP: 70.67.40.71  
From: "jrl" <jrl@xxxxxxxxxxxxxxxx>  
Newsgroups: microsoft.public.vsnet.general

Ok... As they say 'back to the drawing board' !

My original goal was to create media sets in one big css file, but for some

reason the length of the css file created problems with a css validation tool. Therefore, I tried to break the css file into separate media files. Thats when it was suggested that I could stop using the enabletheming approach, and begin using an alternate approach, where I call the css file explicitly, as in <link rel="Stylesheet" type="text/css" media="screen" href="~/App\_Themes/rosy/screen.css" />

Do you think that approach could work, to allow me to call three css files,

in the master page? and deal with the error "The class or CssClass value is

not defined" that results when I use this linking format?

If not, can you suggest any method that would allow allow me to call 3 css files into the master page?

Re: calling style sheets

Re: calling style sheets

""Steven Cheng"" <stcheng@xxxxxxxxxxxxxxxxxxxxxx> wrote in message  
news:WRGgNdngIHA.1500@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi Jrl,

The behavior you got is correct. Though you can only specify which Theme to use at content page level(and only one theme for each page), you can set "EnableTheming" at multiple level(give you different granularity of control on Theme). You can set EnableTheming on content page, or on Master Page or even on ascx usercontrol.

Actually, you can consider Master page as a particular usercontrol. Therefore, you need to set "EnableTheming = true" on master page so as to make the Theme/style on it work.

Best regards,

Steven Cheng  
Microsoft MSDN Online Support Lead

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the level of service provided. You can send feedback directly to my manager  
at: msdnmg@xxxxxxxxxxxxxxxxxx

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-----

X-Trace-PostClient-IP: 70.67.40.71  
From: "jrl" <jrl@xxxxxxxxxxxxxxxxxxxxxx>  
In-Reply-To:  
<jRLemzmgIHA.4672@xxxxxxxxxxxxxxxxxxxxxxxxxx>  
Subject: Re: calling style sheets

Great! I'm sure we're getting closer now.

## Re: calling style sheets

I have the code behind of the masterpage (masterpage.master.cs) with the following:

```
public partial class site : System.Web.UI.MasterPage
{
protected void Page_PreInit(object sender, EventArgs e)
{
Page.Theme = "rosy";
}
}

public partial class MasterPage : System.Web.UI.MasterPage
{
protected void Page_Load(object sender, EventArgs e)
{
// content removed here, just wanted to show the structure of
keeping the page_load and Page_PreInit separate.
}
}
}
```

In the masterpage.master I use the form  
<% @ Master Language="C#" AutoEventWireup="true"  
CodeFile="MasterPage.master.cs" Inherits="MasterPage"

```
EnableTheming="true"
```

```
%>
```

I also tried removing EnableTheming="true".

However, although it compiles fine, this setup results in a page which

has

no style sheet applied.

""Steven Cheng"" <stcheng@xxxxxxxxxxxxxxxxxxxxxxxx>  
wrote in message  
[news:jRLemzmgIHA.4672@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:jRLemzmgIHA.4672@xxxxxxxxxxxxxxxxxxxxxxxx)

Thanks for your quick reply Jrl,

This is my fault here. I should have pointed out the problem that

Re: calling style sheets

Master

page does not support "Theme" property, therefore, you can not add

"Theme"

attribute in <% @ Master %> directive.

For declarative Theme setting ,you need to set the "Theme" attribute in content page. Or you can consider programmatically set Theme for a page(in master page). e.g.

```

=====
public partial class site :
System.Web.UI.MasterPage
{
protected void Page_PreInit(object sender,
EventArgs e)
{
Page.Theme = "my theme";
}
}
.....
=====

```

#Note: you can only programmatically set Theme in PreInit event since that's the earliest event you can get to do this.

Best regards,

Steven Cheng  
Microsoft MSDN Online Support Lead

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can improve the support we provide to you. Please feel free to let my manager know what you think of

the level of service provided. You can send feedback directly to my manager at: msdnmg@xxxxxxxxxxxxxxxx

Re: calling style sheets

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---

X-Trace-PostClient-IP:  
70.67.40.71  
From: "jrl"  
<jrl@xxxxxxxxxxxxxxxxxxx>  
Newsgroups:  
microsoft.public.vsnet.general  
In-Reply-To:  
<zo1Bj.65287\$w94.58704@pd7urf2no>  
Subject: Re: calling style  
sheets

Further, the error when I  
compile is  
Error 4 Error parsing  
attribute 'theme': Type

'System.Web.UI.MasterPage'

does not have a public  
property named 'theme'.

"jrl"  
<jrl@xxxxxxxxxxxxxxxxxxx>  
wrote in message  
[news:zo1Bj.65287\\$w94.58704@xxxxxxxxxxxxx](news:zo1Bj.65287$w94.58704@xxxxxxxxxxxxx)

Ok, I have  
read the  
articles you  
recommended,  
thanks. I am  
still

getting

the error  
"Theme is  
not valid on  
a master  
page.  
However,

Re: calling style sheets

the visual  
designer  
accepts this  
attribute  
while you  
are editing  
the master  
page."

The syntax I  
am using is  
<%@  
Master  
Language="C#"  
AutoEventWireup="true"  
CodeFile="MasterPage.master.cs"  
Inherits="MasterPage"  
EnableTheming="true"  
Theme="rosy"  
%>

"rosy"  
refers to a  
folder under  
App\_Themes,  
containing 3  
css files.

Am I doing  
something  
wrong still?

""Steven  
Cheng""  
<stcheng@xxxxxxxxxxxxxxxxxxxxxx>  
wrote in  
message  
[news:Mq%23lbClgIHA.4672@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:Mq%23lbClgIHA.4672@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hi  
Jrl,

Thanks  
for  
your  
reply.

It  
seems  
there

Re: calling style sheets

is  
some  
misunderstanding  
here.

In  
the  
page's  
"Theme"  
attribute,  
you  
should  
assign  
the  
name  
of  
the  
Theme(rather  
than  
path).  
Therefore,  
for  
your  
case,  
you've  
put  
a

theme

named  
"rosy"  
under  
App\_Themes  
folder  
(/App\_Themes/rosy),  
you  
should  
use  
the  
following  
syntax  
to  
reference  
this  
theme  
in  
page:  
  
<%@  
Master

## Re: calling style sheets

```
Language="C#"
AutoEventWireup="true"
CodeFile="MasterPage.master.cs"
Inherits="MasterPage"
EnableTheming="true"
Theme="rosy"
%>
```

Also,  
for  
stylesheets,  
as  
I  
mentioned  
in  
previous  
thread,  
you  
do  
not

need

to  
explicitly  
reference  
the  
stylesheet  
in  
page,  
you  
just  
need  
to  
put  
those  
stylesheets(you  
want  
to  
use  
in  
page)  
under  
the  
Theme  
folder  
(the  
/App\_Themes/rosy/..  
in  
your  
case

Re: calling style sheets

here).  
When  
you  
applied  
the  
"rosy"

theme

to  
page,  
it  
will  
automatically  
link  
those  
stylesheets  
in  
page's  
html  
output(you  
can  
verify  
it  
in  
your  
client  
browser's  
viewsource).

Also,  
I  
suggest  
you  
read  
some  
articles  
or  
reference  
about  
using

Theme

in  
ASP.NET,  
that'll  
help  
you  
understand  
how

Re: calling style sheets

Re: calling style sheets

it  
works  
better.

Best  
regards,

Steven  
Cheng  
Microsoft  
MSDN  
Online  
Support  
Lead

Delighting  
our  
customers  
is  
our  
#1  
priority.  
We  
welcome  
your

comments

and

suggestions  
about  
how  
we

can  
improve  
the  
support  
we  
provide  
to  
you.  
Please  
feel  
free  
to  
let

my

Re: calling style sheets

Re: calling style sheets

manager  
know  
what  
you  
think  
of

the  
level  
of  
service  
provided.  
You  
can  
send  
feedback  
directly  
to  
my  
manager  
at:  
msdnmg@xxxxxxxxxxxxxxxx

This  
posting  
is  
provided  
"AS  
IS"  
with  
no  
warranties,  
and  
confers  
no  
rights.

-----

Newsgroups:  
microsoft.public.vsnnet.general  
References:  
<[d53Aj.53475\\$Pm4.21522@pd7urf1no](mailto:d53Aj.53475$Pm4.21522@pd7urf1no)>

<[op3Aj.53393\\$w94.4716@pd7urf2no](mailto:op3Aj.53393$w94.4716@pd7urf2no)>  
<[dvT#icCgIHA.6844@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:dvT#icCgIHA.6844@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)>

In-Reply-To:  
<[dvT#icCgIHA.6844@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:dvT#icCgIHA.6844@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)>  
Subject:  
Re:

## Re: calling style sheets

calling  
style  
sheets

I  
tried  
using  
the  
named  
theme  
as  
you  
suggest,  
but  
got  
an  
error  
because

it

is

```
for  
a  
master  
page.  
<% @  
Master  
Language="C#"  
AutoEventWireup="true"  
CodeFile="MasterPage.master.cs"  
Inherits="MasterPage"  
EnableTheming="true"  
Theme="~/App_Themes/rosy/screen.css"  
>
```

Error:  
"Attribute  
Theme  
is  
not  
valid  
on  
a  
master  
page.  
However,

Re: calling style sheets

the  
visual  
designer  
accepts  
this  
attribute  
while  
you  
are  
editing  
the  
master

page."

But  
this  
might  
be  
an  
unrelated  
issue,  
since  
what  
I'm  
trying  
to  
do  
is  
use

the

alternate  
method  
of  
loading  
stylesheet

for  
example:  
<link  
rel="Stylesheet"  
type="text/css"  
media="screen"  
href="~/App\_Themes/rosy/screen.css"  
>

And  
I

Re: calling style sheets

want  
to  
load  
three  
stylesheets  
(one  
for  
each  
type  
of  
media:

screen,

print,  
and  
handheld).

How  
can  
I  
load  
multiple  
stylesheets  
with  
this  
alternate  
method?

""Steven  
Cheng""  
<stcheng@xxxxxxxxxxxxxxxxxxxxxx>

wrote  
in  
message  
<news:dVT%23icCgIHA.6844@xxxxxxxxxxxxxxxxxxxxxx>

Hi  
jrl,

From  
your  
description,  
you're  
using  
ASP.NET  
Theme  
feature  
and

Re: calling style sheets

include

some

css  
style  
sheets  
in  
Theme  
(which  
will  
be  
applied  
on  
page),

however,

you

found  
the  
css  
class  
can  
not  
be  
resolved  
on  
page,  
correct?

According  
to  
the  
App\_Themes  
folder  
and  
stylesheet  
path  
(also  
the  
<link  
...>  
tag  
syntax),  
I  
found  
the  
following  
problems:

Re: calling style sheets

\*\*  
For  
ASP.NET  
theme,  
you  
need  
to  
assigne  
a  
certain  
Theme  
value

for

page  
in  
addition  
to  
enabling  
Theme,  
e.g.

```
<%@  
Page  
Language="C#"  
.....  
EnableTheming="true"
```

Theme="Theme1"

%>

\*\*  
You  
can  
add  
multiple  
Themes  
into  
App\_Themes  
folder  
and  
each  
theme  
has  
all  
its  
content(skins

Re: calling style sheets

or  
stylesheets)  
in  
the  
subfolder  
of  
their

name.

e.g.

/App\_Themes/  
/Theme1  
stuffs  
for  
Theme1  
/Theme2  
stuffs  
for  
Theme2

\*\*  
For  
css  
stylesheets,  
if  
you  
want  
a  
certain  
Theme  
include  
some  
css  
styles,  
just  
put  
the  
css  
stylesheet  
file  
into  
the  
folder  
of  
that

Theme.

Re: calling style sheets

And  
at  
runtime  
the  
page  
will  
automatically  
reference  
those  
css  
stylesheets(as  
long  
as  
you've  
applied  
the  
theme  
on  
that  
page):

here  
are  
some  
further  
articles  
about  
using  
Theme  
in  
ASP.NET:

#ASP.NET  
Themes  
and  
Skins  
Overview  
<http://msdn2.microsoft.com/en-us/library/yk>

#Themes  
In  
ASP.NET  
2.0  
<http://www.odetocode.com/Articles/423.aspx>

Sincerely,

Steven  
Cheng

Microsoft

Re: calling style sheets

MSDN  
Online  
Support  
Lead

Delighting  
our  
customers  
is  
our  
#1  
priority.  
We  
welcome  
your

comments

and  
suggestions  
about  
how  
we

can  
improve  
the  
support  
we  
provide  
to  
you.  
Please  
feel  
free  
to  
let

my

manager  
know  
what  
you  
think  
of

the  
level  
of

Re: calling style sheets

service  
provided.  
You  
can  
send  
feedback  
directly  
to

my

manager  
at:  
msdnmg@xxxxxxxxxxxxxxxx

---

Get  
notification  
to  
my  
posts  
through  
email?  
Please  
refer  
to

<http://msdn.microsoft.com/subscriptions/managednewsgroups/default.aspx#notif>

ications.

Note:  
The  
MSDN  
Managed  
Newsgroup  
support  
offering  
is  
for

non-urgent

Re: calling style sheets

Re: calling style sheets

issues

where  
an  
initial  
response

from  
the  
community  
or  
a  
Microsoft  
Support  
Engineer  
within  
1  
business  
day  
is  
acceptable.  
Please  
note  
that

each

follow

up  
response  
may  
take

approximately  
2  
business  
days  
as  
the  
support  
professional  
working  
with  
you  
may  
need  
further  
investigation  
to

reach

the  
most  
efficient  
resolution.

The  
offering  
is  
not  
appropriate  
for  
situations  
that  
require  
urgent,  
real-time  
or  
phone-based  
interactions  
or

complex

project  
analysis  
and  
dump

analysis  
issues.  
Issues  
of  
this  
nature  
are  
best  
handled  
working

with

a  
dedicated  
Microsoft  
Support

Engineer  
by  
contacting

Re: calling style sheets

Microsoft  
Customer  
Support  
Services  
(CSS)

at

<http://msdn.microsoft.com/subscriptions/supp>

---

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posting  
is  
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warranties,  
and  
confers

no

rights.

---

X-Trace-PostClient-IP:  
70.67.40.71  
From:  
"jrl"  
<jrl@xxxxxxxxxxxxxxxxxx>  
Newsgroups:  
microsoft.public.vsnet.general  
Subject:  
Re:  
calling  
style  
sheets

Re: calling style sheets

Sorry,  
I  
didn't  
make  
it  
clearer  
that  
the  
error  
"The  
class  
or

CssClass

value

is  
not  
defined"  
comes  
up  
like  
a  
tool  
tip  
when  
I  
hover  
over  
the  
CssClass,  
like  
over  
pageheader  
in  
the  
following  
code:  
<div  
class  
=  
"pageheader"  
>  
where  
pageheader  
is  
defined  
in  
the

Re: calling style sheets

```
css
stylesheet
as
```

```
.pageheader
{
background-color:
#F3F194;
color:
#5A5AA5;
}
```

Also,  
I  
notice  
that  
when  
I  
used  
the  
enabletheming,  
I  
could  
set  
the

property

of  
a  
control,  
in  
the  
the  
properties  
panel,  
and  
select  
the  
cssclass

from

a

dropdown.  
Now  
that  
I  
use  
the  
linked

Re: calling style sheets

Re: calling style sheets

stylesheet,  
I  
don't  
get  
any

style

options  
in  
the  
properties  
panel  
for  
any  
control.

So  
how  
can  
I  
use  
the  
linked  
reference  
to  
the  
stylesheet  
(<link  
rel="Stylesheet"  
...>),  
and  
still  
get  
the  
utility  
I  
had  
with

enabletheming

(<%@  
Master  
EnableTheming="true"  
....>)?

"jrl"  
<jrl@xxxxxxxxxxxxxxxxxxx>  
wrote

Re: calling style sheets

in  
message  
[news:d53Aj.53475\\$P4.21522@xxx](mailto:news:d53Aj.53475$P4.21522@xxx)

At  
first  
I  
learned  
to  
call  
a  
style  
sheet  
by  
the  
command  
EnableTheming,  
as  
in  
<%@  
Master  
EnableTheming="true"  
Language="C#"  
AutoEventWireup="true"  
CodeFile="MasterPage.mast  
Inherits="MasterPage"  
%>  
Using  
this  
form  
to  
call  
the  
style  
sheet  
in  
the  
App\_Themes  
folder  
worked  
fine.  
  
But  
then  
I  
needed  
to  
break  
my  
stylesheet  
into

Re: calling style sheets

smaller  
chunks,  
so

it

was  
recommended  
that  
I  
use  
the  
following  
form  
within  
the  
head  
section.  
<link  
rel="Stylesheet"  
type="text/css"  
media="screen"  
href="~/App\_Themes/screen

Now  
I  
notice  
the  
references  
to  
styles,  
are  
generating  
an  
interpreter  
warning  
"The  
class  
or  
CssClass  
value  
is  
not  
defined"  
when  
I  
view  
the  
source  
code,  
even

Re: calling style sheets

though  
it  
does  
load  
the  
linked  
stylesheet  
and

implements

the  
styles  
when  
it  
generates  
the  
webpage.

Is  
this  
normal?  
(that  
it  
would  
warn  
this  
error)  
or  
am  
I  
missing

something

in  
order  
to  
use  
this  
function?

Re: calling style sheets