

Re: Using VS2005/C++, how to create a function call (directed) graph or cross ref. table

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Source: <http://www.tech-archive.net/Archive/VC/microsoft.public.vc.language/2007-06/msg00693.html>

- *From:* "David F" <David-White@xxxxxxxxxxxxxx>
 - *Date:* Mon, 25 Jun 2007 17:28:34 GMT
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As I wrote, I overcame all those administrative issues and setup all those relevant entries in the configuration file manually. The key problem is that it DOES NOT PRODUCE the function call & called graphs.
What are the default names of those files so I know what to look for?

And the key question is what are the 3 top probable causes to not create those two graph files?

David

"Ben Voigt [C++ MVP]" <rbv@xxxxxxxxxxxxxx> wrote in message
<news:10814EB5-8091-4FD9-9BA1-A491705BE052@xxxxxxxxxxxxxx>

"David F" <David-White@xxxxxxxxxxxxxx> wrote in message
[news:qMwfi.401\\$Od7.241@xx](news:qMwfi.401$Od7.241@xx)

What I meant by index.html file being empty is that the 'Main Page' tab is empty.
The 'Files' tab does list all my 11 .CPP & 13 .H files and the 'Classes' tab seems to list all classes.

Is it possible that Doxygen has a problem with finding \ connecting with GraphViz?

I don't use the wizard myself, just edit the configuration file. And there should be a setting in the configuration file for the path to the graphviz executable.

I do know that neither doxygen nor graphviz requires administrative rights to install or run... but I'm not surprised they don't show up on the start menu, they are command-line applications.

David

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"Ben Voigt [C++ MVP]" <rbv@xxxxxxxxxxxxxx> wrote in message
news:297BB7E9-80E1-4AF9-8F3A-4EEA69D1E71F@xxxxxxxxxxxxxx

"David F" <David-White@xxxxxxxxxxxxxx> wrote in
message
[news:E6Gei.6620\\$tb6.2599@xxxxxxxxxxxxxx](mailto:news:E6Gei.6620$tb6.2599@xxxxxxxxxxxxxx)

I have no clue about the use of Doxygen
except knowing that it is a
system
to manage (and generate?) documentation.
Would you please be more specific as to
what / where should I look for
there?

Not so much to manage documentation, as to analyze your
program structure
and generate documentation, including comments placed in
the code to give
you a high level of control over the result.

Look at the CALL_GRAPH and CALLER_GRAPH options,
or \callgraph and
\callergraph comments.

http://www.stack.nl/~dimitri/doxygen/config.html#cfg_call_graph
<http://www.stack.nl/~dimitri/doxygen/commands.html#cmdcallgraph>

Thanks,
David

"Ben Voigt [C++ MVP]"
<rbv@xxxxxxxxxxxxxx> wrote in message
news:B9738B7E-086A-4E87-948A-E956DE4D29AB@xxxxxxxxxxxxxx

"David F"
<David-White@xxxxxxxxxxxxxx>
wrote in message
[news:k8Zdi.2103\\$W_6.545@xxxxxxxxxxxxxx](mailto:news:k8Zdi.2103$W_6.545@xxxxxxxxxxxxxx)

This is good
for
checking

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few single
functions
here and
there. Isn't
it?
If so,
it is not
practical for
producing a
total
function
calls graph
(or
cross
ref. table)
for
ALL
functions in
a larger
program at
once which
is what I
meant.
I should
have
emphasize
it in the first
place.

Doxygen can generate a
multi-level call graph... it is
designed for
ANSI
C++, but I helped the author
add some support for
C++/CLI.

David

"Alex
Blekhman"
<xfkt@xxxxxxxx>
wrote in
message
news:%23vpzLylsHHA.4324@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

David
F

Re: Using VS2005/C++, how to create a function call (directed) graph or cross ref. table

wrote:

It
would
be
nice
if
the
scope
is
adjustable
to
a
single
file
or
an
entire
project
and
and
filtering
should
allow
to
include/exclude
class
objects'
methods,
etc.

Am
I
missing
something
understanding
that
such
a
fundamental
service
is
not
available
in
VS2005+SP1?

You
can
use

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call
browser,
which
is
part
of
VS2005
IDE.
Just
right
click
on
any
function
and
select
"Call
Browser"
item
in
context
menu.

Alex