

Tips from the Committee

Bill Gibson,
Chief Technology Officer, SAS ANZ



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10 tips for organizing your SAS Enterprise Guide projects (Search “SAS dummy 10 tips guide”)

The screenshot shows a web browser window with the address bar containing the URL <http://blogs.sas.com/content/sasdummy/2011/10/10/10-tips-for-orga>. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The address bar also shows several open tabs: Christchurch Quake Map, Advanced Search, Citrix XenApp - Applicatio..., and Customer Architecture Do... The browser's toolbar includes icons for home, RSS, email, and printing. The page header features navigation links for BLOG DIRECTORY, SAS SOFTWARE, and FOLLOW US. The main content area has a blue banner with the text "The SAS Dummy" and "A SAS® blog for the rest of us", along with the "SAS FOR DUMMIES" logo and the SAS logo. Below the banner, the breadcrumb trail reads "SAS BLOGS HOME > THE SAS DUMMY > 10 TIPS FOR ORGANIZING YOUR SAS ENTERPRISE GUIDE PROJECTS". The article title is "10 tips for organizing your SAS Enterprise Guide projects" by Chris Hemedinger, dated OCTOBER 10, 2011. The article has 1252 views, 2 comments, 10 tweets, and 4 likes. The article text begins with "What is the best way to organize your SAS work in a SAS Enterprise Guide project? There are no project templates or enforced structure, really, but isn't there a best practice?" and continues with "I don't have a single prescription for the best project organization. I believe that it depends on the nature of the work you're doing, how you're sharing projects among team members, and on your own personal preferences and working style. SAS tools are often deliberately flexible, which means the onus is on you to keep the chaos under control." The right sidebar contains a search box for "search blogs.sas.com", an "About this blog" section with a bio for Chris Hemedinger, and a "Tags" section with tags like ".net autoexec computer science".

http://blogs.sas.com/content/sasdummy/2011/10/10/10-tips-for-orga

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SAS BLOGS HOME > THE SAS DUMMY > 10 TIPS FOR ORGANIZING YOUR SAS ENTERPRISE GUIDE PROJECTS

10 tips for organizing your SAS Enterprise Guide projects

Chris Hemedinger | OCTOBER 10, 2011

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What is the best way to organize your SAS work in a SAS Enterprise Guide project? There are no project templates or enforced structure, really, but isn't there a best practice?

I don't have a single prescription for the best project organization. I believe that it depends on the nature of the work you're doing, how you're sharing projects among team members, and on your own personal preferences and working style. SAS tools are often deliberately flexible, which means the onus is on you to keep the chaos under control.

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About this blog

Chris Hemedinger is a technician at the Global Services Factory (Professional Services®). He's a frequent participant on the SAS Guide@ discussion forum.

Tags

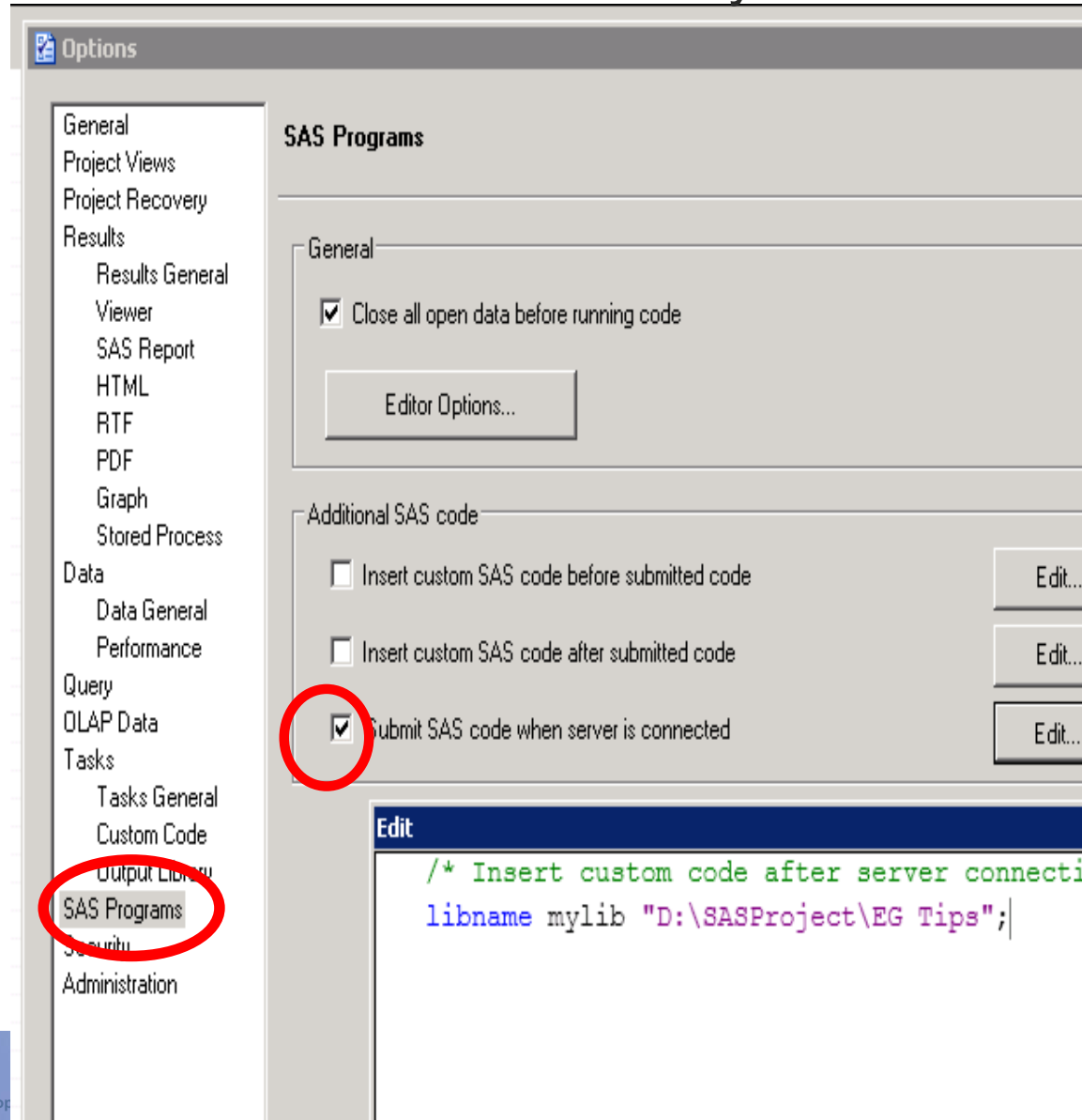
.net autoexec computer science

10 tips for organizing your SAS Enterprise Guide projects (Search “SAS dummy 10 tips guide”)

1. Arrange process flows (when you have multiple flows in a project) in the order that you expect to run them
2. Assign concise, meaningful names to each of your process flows.
3. Don't make the flows too big – if a flow gets really long, see if it makes sense to break it up into multiple flows
4. Use Note objects, and link them to the nodes they describe
5. Rename tasks, queries, programs & 6. default output data sets using descriptive (but concise) names
7. Turn on Auto Arrange for a good first pass at layout, then turn it off for manual refinements
8. Change the background color of process flows to make them distinct
9. Configure the first process flow to run automatically ("autoexec")
10. Remember: a project is like a recipe.

Annelies Tjetjep's Enterprise Guide Tip

- Specify code to run whenever EG connects to your server
 - Like an Autoexec in Display Manager



What is the Higher Level Importance of these Tips

1. There are some great online resources, including SAS Community.org, BLOGS and Forums
2. Your organisation should have a set of standards and guidelines for your SAS User Community

Understanding your environment with the very valuable value option in proc options

- proc options **value** option=rsasuser; run;

Foundation SAS

SAS (r) Proprietary Software Release
9.3 TS1M0

Option Value Information For SAS Option
RSASUSER

Value: NORSASUSER

Scope: Default

How option value set: Shipped Default

Enterprise Guide Session

SAS (r) Proprietary Software Release
9.3 TS1M0

Option Value Information For SAS Option
RSASUSER

Value: RSASUSER

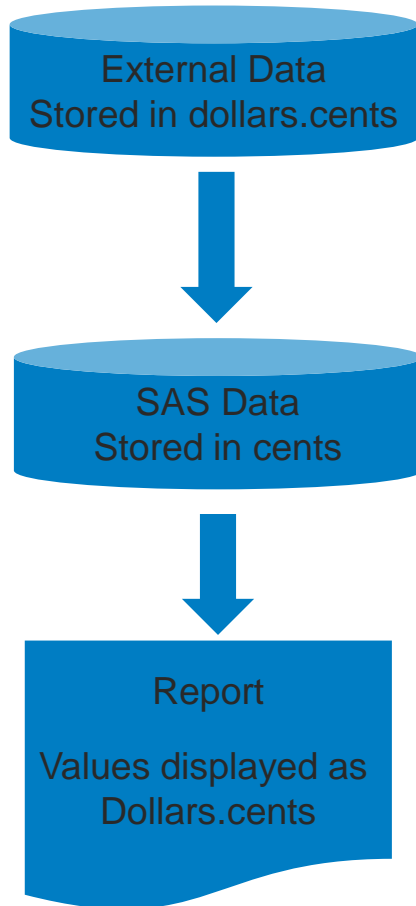
Scope: SAS Session

How option value set: Config File

Config file name:

C:\SAS\Config\Lev1\SASApp\sasv9.cfg

A Geeky Coding Tip: New PROC Format Features



```
proc fcmp outlib=work.functions.centlib;
```

```
function readcents(num) ;  
    return(round(num*100,1));  
endsub;
```

```
run;
```

```
options cmplib=(work.functions);
```

```
proc format;
```

```
invalue cents  
    other=[readcents()];
```

```
picture centf
```

```
low -<0="000,000,000.99" (prefix='-$$' mult=1 )
```

```
0-high="000,000,000.99" (prefix='$' mult=1 );
```

```
run;
```

A Geeky Coding Tip: New PROC Format Features

```
/* Use the format in a SAS program. */  
data dollars ;  
    input @1 CentVal cents8.2  
          @1 DollarVal;  
    CopyCents=centval;  
    datalines;  
12.10  
-12.12  
;  
proc print data=dollars;  
format centval centf. ;  
run;
```

Obs	CentVal	DollarVal	CopyCents
1	\$12.10	12.10	1210
2	-\$12.12	-12.12	-1212

Summary – Coding Tips

- Proc FCMP to roll your own functions
- Proc FORMAT with embedded functions
- Proc FORMAT with PICTURE Formats
 - Note new options for dates etc in 9.3 as well (%z, %Z, %n, %s)

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