



ArcelorMittal

# Proc du Jour- Calendar

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# Proc Calendar

- Interesting look back to BASE SAS capability
- Before PDA, Outlook, etc. there was : PROC CALENDAR
- Proc Calendar:
  - Organized schedules
  - Kept track of Holidays
  - Could include your personal tasks
  - Could produce a calendar for each team member
  - Still exists in BASE SAS (but not Enterprise Guide)

Proc Calendar is a SAS utility procedure that predates many scheduling tools.

# Proc Calendar Example

Input data set: HOLIDAY

```
PROC IMPORT OUT= WORK.EVENT
```

```
    DATAFILE= "F:\DataManagement\BI Networking\GHSUG\DemoCalendarData.xlsx"
```

```
    DBMS=EXCEL REPLACE;
```

```
    RANGE="EVENT$";
```

```
    GETNAMES=YES;
```

```
    MIXED=NO;
```

```
    SCANTEXT=YES;
```

```
    USEDATE=YES;
```

```
    SCANTIME=YES;
```

```
RUN;
```

HDATE	HEVENT	CALDR
4/3/15	Good Friday	PERSNL
4/22/15	Earth Day	PERSNL
5/18/15	Victoria Day	PERSNL
4/7/15	Team Retreat	PROJECT

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# Proc Calendar Example

## Input data set: EVENT

DATE	EVENT	WHO	CALDR	DURTN
4/1/15	April Fool's Day	James	PERSNL	1
4/5/15	Easter Dinner	Family Plus 5	PERSNL	1
4/6/15	Project Start Approval	Steering Committee	PROJECT	1
4/7/15	Team Kick-off	Project Team	PROJECT	1
4/8/15	Requirements	Jack, Tom, Lisa	PROJECT	6
4/11/15	Paris Show	Family	PERSNL	1
4/14/15	Requirements Sign-off	Monica	PROJECT	1
4/15/15	Code Phase 1	Jack, Tom	PROJECT	8

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## PROC Calendar Code

```
proc sort data=EVENT;  
  by date;  
run;
```

```
proc calendar data=EVENT holidata=HOLIDAY;  
  calid CALDR / output=combine;  
  start DATE ;  
  dur DURTN;  
  holistart HDATE;  
  holivar HEVENT;  
  title1 'April to June 2015';  
  title2 'Project and Personal Schedule';  
  title3 'Jason Smythe';  
run;
```



# Output

April to June 2015  
Project and Personal Schedule  
Jason Smythe

		April 2015						
		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
.....	PERSNL				1	2	3	4
		<b>April to June 2015 Project and Personal Schedule Jason Smythe</b>						
		May 2015						
		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
.....	PERSNL	5					1	2
.....	PERSNL	+Easter Dinner/+						
.....	PROJECT							+Proje
		<b>April to June 2015 Project and Personal Schedule Jason Smythe</b>						
		June 2015						
		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
.....	PERSNL							
.....	PROJECT							
.....	PERSNL	3	4					
.....	PROJECT	<=====	<=====Phase 1 Testing,					
		<b>April to June 2015 Project and Personal Schedule Jason Smythe</b>						
		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
.....	PERSNL		1	2	3	4	5	6
.....	PROJECT		<Code Phase 2/J+>	+Phase 2 Demo/T+>	+=====	Recode to comments/Jack, Tom=====		+Anniversary/Jo+>
.....	PERSNL	7	8	9	10	11	12	13
.....	PROJECT		+Phase 2 Demo 2+>	+=====Phase 2 Testing/Lisa, Paul=====		+Phase 2 Sign-o+>		+Silent Retreat>

