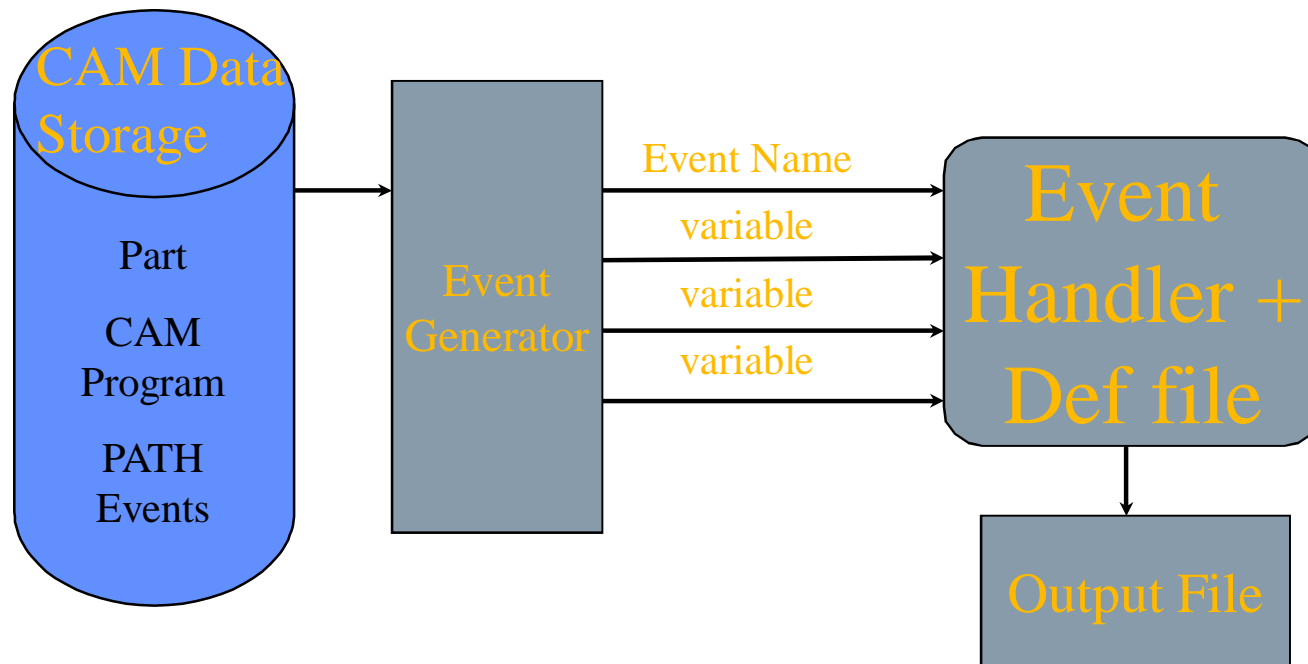


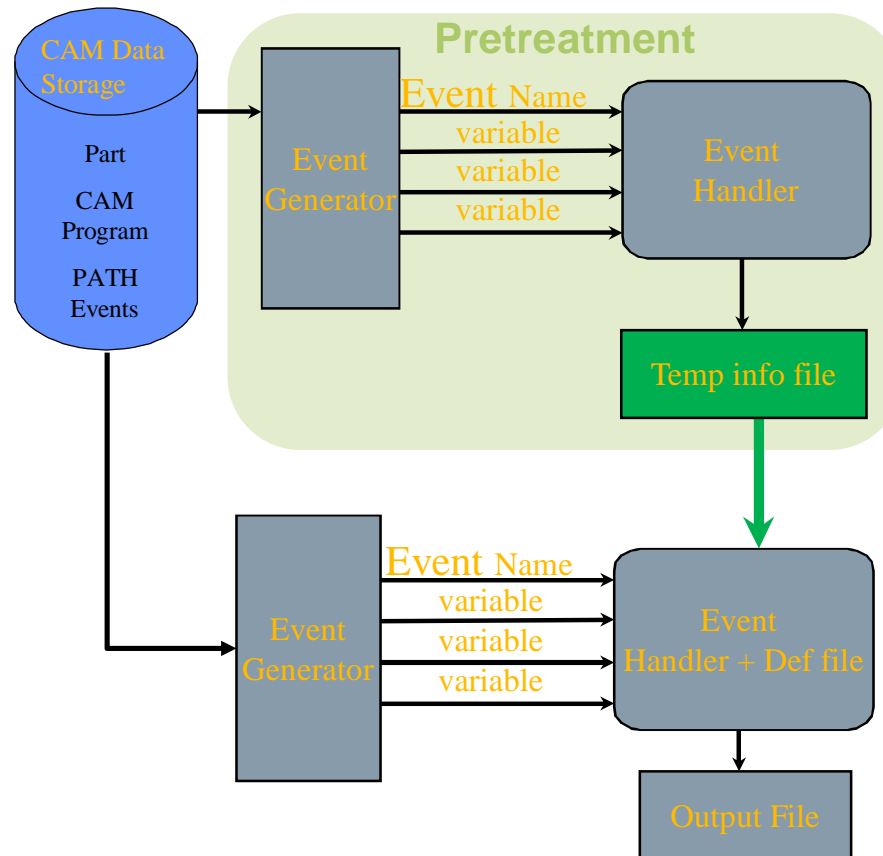
NX Post Configurator

011 – Pretreatment

Postprocessing



Postprocessing with Pretreatment



Collect variable of UDE



ROUGHING			
FACE_TOP		✓	
CAVITY_TOP		✓	
CAVITY_MILL		✓	
GREEN_TOP_AREA			
PLANAR_PROFILE_TOP		✓	
FACE_MILL_FLOOR		✓	
PLANAR_MILL		✓	
FACES			
FACE_SIDE1		✓	
FACE_SIDE2		✓	

Pathname	Toolname
FACE_TOP	UGT0202_001
CAVITY_TOP	UGT0202_001
CAVITY_MILL	UGT0203_005
Totaltime	

```
;FACE_TOP Value: 1050.0
;CAVITY_MILL Value: 1200.0
N20 DEF REAL _camtolerance
N30 DEF REAL _X_HOME, _Y_HOME, _Z_HOME, _A_HOME, _B_HOME
```

User Defined Events Editor

Filter by Category

Events Available

- Auxfun
- Clamp
- Coolant Off
- Coolant On
- Cut Wire
- Cutter Compensation
- Cutter Compensation
- Demo Pretreatment
- Drill
- Drill,Bore
- Drill,Bore,Back
- Drill,Bore,Drag
- Drill,Bore,Manual
- Drill,Bore,Nodrag
- Drill,Csink
- Drill,Deep
- Drill,Deep,BreakChip
- Drill,Tap
- Drill,Tap,Breakchip
- Drill,Tap,Deep
- Drill,Tap,Float
- Dwell

Event

- Name: Demo Pretreatment
- Event ID: myPT
- Post Event: None
- Description: None
- Category: All

Item to Add

- Type: Double
- Parameter ID: myValue
- UI Label: Value
- Default Value: 0.0000
- Parameter Status: On
- Group: None

Items Used

- Parameter ID: myValue
- UI Label: Value

OK Apply Cancel

```
252 LIB_GE_command_buffer_edit_prepend LIB_CTRL_parameter_definition DEF_CAMTOL myProc _myTag
253
```

Collect variables

```
proc LIB_SPF_pt_additional_variables_WS {} {  
  LIB_SPF_pretreatment_add_var MOM_myPT mom_myValue 0  
}
```

- Add a procedure named LIB_SPF_pt_additional_variables_xxx to collect variables
- With the command LIB_SPF_pretreatment_add_var name the MOM-event in which the variable is set/ available

Collect variables from operations

```
#-----  
proc myProc {} {  
#-----  
  
foreach e [LIB_SPF_get_pretreatment operation_list] {  
    if {[LIB_SPF_get_pretreatment mom_myValue 0 $e] != ""} {  
        MOM_output_text "[LIB_SPF_get_pretreatment mom_path_name 0 $e] Value:  
[LIB_SPF_get_pretreatment mom_myValue 0 $e]"  
    }  
}  
}
```

- Cycle thru the operation list to get the values from each operation
- If no value is set the variable is string.empty

Collect variables before start of path

```
!62  
!63 MOM_output_literal ";---> HeaderVar: [LIB_PT_get_header_var mom_myValue]"  
!64
```

- Use LIB_PT_get_header_var instead to access variables that precede the first MOM_start_of_path.

Q&A

SIEMENS
Ingenuity for life



Thomas Jenensch

Product Portfolio Lead NX CAM Infrastructure
Manufacturing Engineering Software

Nonnendammallee 101 5. OG, Bauteil C
D-13629 Berlin, Germany
Tel. :+49 (30) 46777 535

thomas.jenensch@siemens.com

www.siemens.com/plm

Siemens Manufacturing Forum

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