

Bonus3.3 605546001

```
create trigger Bonus3_audit_insert --在original_table insert時觸發
on [dbo].[Bonus3_original_table]
for insert
as

begin
Declare @P_key XML;
Declare @Old XML;
Declare @New XML;
Declare @OP varchar(50);
Declare @OPter varchar(250);
Declare @PID varchar(50);
Declare @Name varchar(50);
Declare @Birth varchar(50);
Declare @SeqNo varchar(50);
Declare @Eplee varchar(250);
Declare @DateTime datetime;

set @P_key=(select Bonus3_original_table.PID from Bonus3_original_table FOR XML
AUTO,TYPE);
select @Old=null;
set @New=(select
Bonus3_original_table.Name,Bonus3_original_table.Birth,Bonus3_original_table.DateTime from
Bonus3_original_table FOR XML AUTO,TYPE);
select @OP='INSERT';
select @OPter=Bonus3_original_table.Eplee from Bonus3_original_table;
select @PID=Bonus3_original_table.PID from Bonus3_original_table;
select @Name=Bonus3_original_table.Name from Bonus3_original_table;
select @Birth=Bonus3_original_table.Birth from Bonus3_original_table;
select @SeqNo=Bonus3_original_table.SeqNo from Bonus3_original_table;
select @Eplee=Bonus3_original_table.Eplee from Bonus3_original_table;
select @DateTime=Bonus3_original_table.DateTime from Bonus3_original_table;

begin
insert into Bonus3_shadow_table--正本
```

```
(P_key,Old,New,OP,OPter)
```

```
Values
```

```
(  
@P_key,  
@Old,  
@New,  
@OP,  
@OPter  
)
```

```
end
```

```
begin
```

```
insert into Bonus3_shadow_insert_table--備份
```

```
(PID,Name,Birth,SeqNo,Eplee,DateTime)
```

```
Values
```

```
(  
@PID,  
@Name,  
@Birth,  
@SeqNo,  
@Eplee,  
@DateTime  
)
```

```
end
```

```
end
```

```
go
```

```
create trigger Bonus3_audit_delete --在original_table delete時觸發
```

```
on [dbo].[Bonus3_orginal_table]
```

```
instead of delete
```

```
as
```

```
Declare @P_key XML;
```

```
Declare @Old XML;
```

```
Declare @New XML;
```

```
Declare @OP varchar(50);
```

```
Declare @OPter varchar(250);
```

```
begin
```

```
set @P_key=(select Bonus3_orignal_table.PID from Bonus3_orignal_table FOR XML  
AUTO,TYPE);
```

```
select @Old=(select  
Bonus3_orignal_table.Name,Bonus3_orignal_table.Birth,Bonus3_orignal_table.DateTime from  
Bonus3_orignal_table FOR XML AUTO,TYPE);
```

```
set @New=null;
```

```
select @OP='DELETE';
```

```
select @OPter=SUSER_NAME();
```

```
begin
```

```
insert into Bonus3_shadow_table
```

```
(P_key,Old,New,OP,OPter)
```

```
Values
```

```
(  
@P_key,  
@Old,  
@New,  
@OP,  
@OPter  
)
```

```
end
```

```
end
```

```
go
```

```
create trigger Bonus3_audit_update --在original_table update時觸發
```

```
on [dbo].[Bonus3_orignal_table]
```

```
after update
```

```
as
```

```

Declare @P_key XML;
Declare @Old XML;
Declare @New XML;
Declare @OP varchar(50);
Declare @OPter varchar(250);

begin
set @P_key=(select Bonus3_orignal_table.PID from Bonus3_orignal_table FOR XML
AUTO,TYPE);
set @Old=(select
Bonus3_shadow_insert_table.Name,Bonus3_shadow_insert_table.Birth,Bonus3_shadow_insert_t
able.DateTime from Bonus3_shadow_insert_table FOR XML AUTO,TYPE);
set @New=(select
Bonus3_orignal_table.Name,Bonus3_orignal_table.Birth,Bonus3_orignal_table.DateTime from
Bonus3_orignal_table FOR XML AUTO,TYPE);
select @OP='UPDATE';
select @OPter=SUSER_NAME();

begin
insert into Bonus3_shadow_table
(P_key,Old,New,OP,OPter)
Values
(
@P_key,
@Old,
@New,
@OP,
@OPter
)
end
end

```

