DB\_HW Trigger 605546001

create trigger audit\_update --在orginal\_table UPDATE時觸發

on [dbo].[orginal\_table]

for update

as

begin

Declare @PID varchar(50);

Declare @Name varchar(50);

Declare @Birth varchar(50);

Declare @SeqNo varchar(50);

Declare @Eplee varchar(50);

Declare @DateTime varchar(50);

Declare @OP varchar(50);

select @PID=orginal\_table.PID from orginal\_table;

select @Name=orginal\_table.Name from orginal\_table;

select @Birth=orginal\_table.Birth from orginal\_table;

select @SeqNo=orginal\_table.SeqNo from orginal\_table;

select @Eplee=orginal\_table.Eplee from orginal\_table;

select @DateTime=orginal\_table.DateTime from orginal\_table;

select @OP='UPDATE'

begin

insert into shadow\_table

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

Values

(

@PID,

@Name,

@Birth,

@SeqNo,

@Eplee,

@DateTime,

@OP

)

end

end

create trigger audit\_insert --在orginal\_table INSERT時觸發

on [dbo].[orginal\_table]

for insert

as

begin

Declare @PID varchar(50);

Declare @Name varchar(50);

Declare @Birth varchar(50);

Declare @SeqNo varchar(50);

Declare @Eplee varchar(50);

Declare @DateTime varchar(50);

Declare @OP varchar(50);

select @PID=orginal\_table.PID from orginal\_table;

select @Name=orginal\_table.Name from orginal\_table;

select @Birth=orginal\_table.Birth from orginal\_table;

select @SeqNo=orginal\_table.SeqNo from orginal\_table;

select @Eplee=orginal\_table.Eplee from orginal\_table;

select @DateTime=orginal\_table.DateTime from orginal\_table;

select @OP='INSERT'

begin

insert into shadow\_table

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

Values

(

@PID,

@Name,

@Birth,

@SeqNo,

@Eplee,

@DateTime,

@OP

)

end

end

create trigger audit\_delete --在orginal\_table DELETE時觸發

on [dbo].[orginal\_table]

for delete

as

begin

Declare @PID varchar(50);

Declare @Name varchar(50);

Declare @Birth varchar(50);

Declare @SeqNo varchar(50);

Declare @Eplee varchar(50);

Declare @DateTime varchar(50);

Declare @OP varchar(50);

select @PID=orginal\_table.PID from orginal\_table;

select @Name=orginal\_table.Name from orginal\_table;

select @Birth=orginal\_table.Birth from orginal\_table;

select @SeqNo=orginal\_table.SeqNo from orginal\_table;

select @Eplee=orginal\_table.Eplee from orginal\_table;

select @DateTime=orginal\_table.DateTime from orginal\_table;

select @OP='DELETE'

begin

insert into shadow\_table

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

Values

(

@PID,

@Name,

@Birth,

@SeqNo,

@Eplee,

@DateTime,

@OP

)

end

end

