

Exercício sobre Trigger

Tales Clemente
pág 01

1 - Create or replace trigger trg-dbt-prd
after insert on item-venda
referencing new as new old as old
for each row

Begin

update produto set quant-atual = quant-atual - :new.quant;
where codpro = :new.codpro;
end;

2 - Create sequence SQ-log-prd
start with 1
increment by 1
maxvalue 9999
no cache
no cycle;

create or replace trigger trg-log-prd
after insert or delete or update on produto
referencing new as new old as old
for each row

Begin

if inserting then insert into log-operacao values
(SQ_LOG_PROD nextval, 'Inserção', null, :new.preco-venda,
sysdate, user);

elsif updating then insert into log-operacao values
(SQ_LOG_PROD nextval, 'Atualização', :old.preco-venda, :new.preco-venda,
sysdate, user);

elsif deleting then insert into log-operacao values
(SQ_LOG_PROD nextval, 'Exclusão', :old.preco-venda, 'Produto excluído',
sysdate, user);

end if;

end;

Trigger - tiles Clemente Matrícula

página 02

3- Create or replace trigger TAB-Apagar-DATO
before delete on departamento

for each row

begin

delete from funcionarios where rigla - departamento =
:old. rigla - departamento;

end;

4- Create or replace trigger TAB-apagar-func
before delete on funcionarios
for each row

begin

delete from dependiente where matricula - func =
:old. matricula - func;

end;

5- Create or replace trigger TRG_sal-min
after insert or update on cargo
referencing new as new old as old
for each row

begin

if :NEW.salario < 1100 then

:NEW.salario := 1100;

End if;

end;

6- Create or replace trigger TRG_func-solce
before insert or update on allocations-func-projet
referencing new as new old as old
for each row

declare

rigla - d funcionarios . rigla - departamento % type;

Trigger - Tales Clemente Matsuda

página 03

6. cont.

begin

select sigla - departamento into sigla - d

from funcionarios

where matricula - func = :new. matricula - func;

if sigla - d is null then

raise - application - error (-20001, 'Funcionário sem departamento:');

end if;

end;

7 - Create or replace trigger TRG - DPND - maior

before insert on dependente

referencing new as new old as old

for each row

Begin

if (SYSDATE - :new. data - nascimento) / 365 > 18 then

raise - application - error (-20002, 'Não é possível inserir um dependente maior de 18 anos.');

end if;

end;