



INSTITUTO FEDERAL DE
EDUCAÇÃO, CIÊNCIA E TECNOLOGIA
SÃO PAULO

Atividade Assíncrona

CAMPUS

BIRIGUI

Curso: ENGENHARIA DA COMPUTAÇÃO

Turma: Eng.201

Disciplina: (BDAE6) – Banco de Dados 2

Data de Entrega: 23/11/2021

Professor: Helen De Freitas Santos

Autor:

1. Objetivo

Conteúdo

procedimento agendado (Job)
função de criptografia
envio de e-mail

2. Desenvolvimento

Procedimento Agendado (Job)

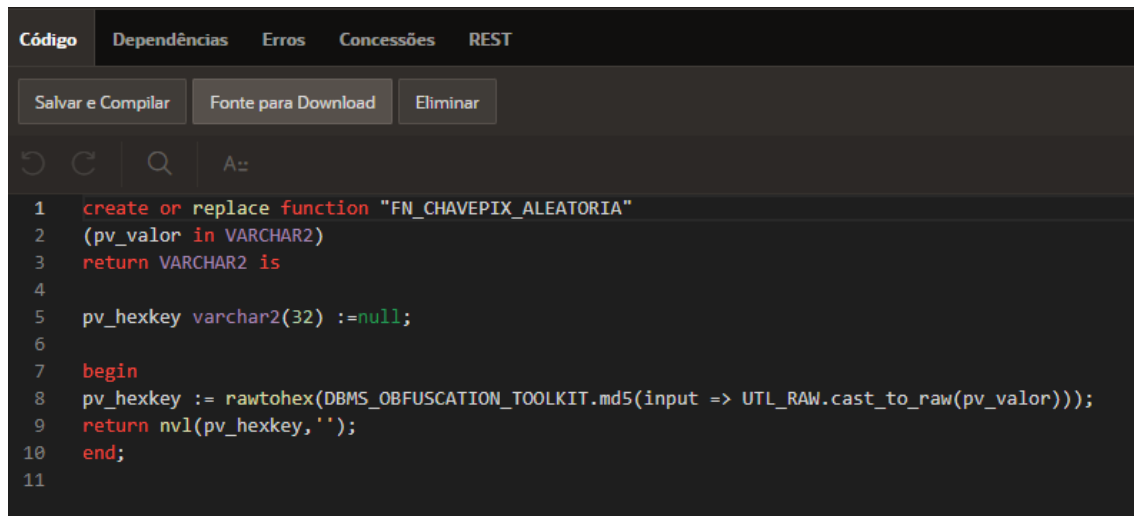
9. JOBS

9.1. RENDIMENTO DA CONTA POUPANÇA

```
BEGIN
DBMS_SCHEDULER.CREATE_JOB
(
  JOB_NAME => 'RENDIMENTO_POUPANÇA',
  JOB_TYPE => 'STORED_PROCEDURE',
  JOB_ACTION => 'PR_RENDER_CONTA_POUPANCA',
  START_DATE => SYSDATE,
  REPEAT_INTERVAL => 'FREQ=MONTHLY;INTERVAL=1',
  ENABLED => TRUE,
  COMMENTS => 'JOB PARA RENDER AS CONTAS POUPANÇAS '
);
END;
```

```
BEGIN
DBMS_SCHEDULER.CREATE_JOB
(
  JOB_NAME => 'RENDIMENTO_POUPANÇA',
  JOB_TYPE => 'STORED_PROCEDURE',
  JOB_ACTION => 'PR_RENDER_CONTA_POUPANCA',
  START_DATE => SYSDATE,
  REPEAT_INTERVAL => 'FREQ=MONTHLY;INTERVAL=1',
  ENABLED => TRUE,
  COMMENTS => 'JOB PARA RENDER AS CONTAS POUPANÇAS '
); END;
```

Função de Criptografia



```
Código  Dependências  Erros  Concessões  REST

[Salvar e Compilar] [Fonte para Download] [Eliminar]

🔄 ↺ 🔍 A:

1  create or replace function "FN_CHAVEPIX_ALEATORIA"
2  (pv_valor in VARCHAR2)
3  return VARCHAR2 is
4
5  pv_hexkey varchar2(32) :=null;
6
7  begin
8  pv_hexkey := rawtohex(DBMS_OBFUSCATION_TOOLKIT.md5(input => UTL_RAW.cast_to_raw(pv_valor)));
9  return nvl(pv_hexkey,'');
10 end;
11
```

create or replace function "FN_CHAVEPIX_ALEATORIA"
(pv_valor in VARCHAR2)
return VARCHAR2 is

pv_hexkey varchar2(32) :=null;

begin

pv_hexkey **:=**

rawtohex(DBMS_OBFUSCATION_TOOLKIT.md5(input **=>**

UTL_RAW.cast_to_raw(pv_valor)));

return nvl(pv_hexkey,'');

end;

Procedimento de Envio de E-Mail:

PR_ENVIAREMAILAUT

CódigoDependênciasErrosConcessõesREST

Salvar e CompilarFonte para DownloadEliminar

A=

```
1 create or replace PROCEDURE PR_ENVIAREMAILAUT ( pv_smtp IN varchar2,pv_usuario IN varchar2,
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pv_senha IN varchar2,pv_remetente IN varchar2,
pv_destinatario IN varchar2, pv_assunto IN varchar2,
pc_mensagem IN clob) IS
pv_conn utl_smtp.connection;
begin
pv_conn := utl_smtp.open_connection (pv_smtp,587);
utl_smtp.ehlo(pv_conn,pv_smtp);
utl_smtp.command (pv_conn, 'AUTH LOGIN');
utl_smtp.command (pv_conn,utl_raw.cast_to_varchar2(utl_encode.base64_encode(utl_raw.cast_to_raw(pv_usuario))));
utl_smtp.command (pv_conn,utl_raw.cast_to_varchar2(utl_encode.base64_encode(utl_raw.cast_to_raw(pv_senha))));
utl_smtp.mail (pv_conn,('<' ||pv_remetente||'>'));
utl_smtp.rcpt (pv_conn,('<' ||pv_destinatario||'>'));
utl_smtp.open_data(pv_conn);
utl_smtp.write_raw_data(pv_conn, utl_raw.cast_to_raw('Content-Type: Text/Html;charset=UTF-8'||utl_tcp.crlf));
utl_smtp.write_raw_data(pv_conn, utl_raw.cast_to_raw('From:' ||pv_remetente||utl_tcp.crlf));
utl_smtp.write_raw_data(pv_conn, utl_raw.cast_to_raw('To:' ||pv_destinatario||utl_tcp.crlf));
utl_smtp.write_raw_data(pv_conn, utl_raw.cast_to_raw('Subject:' ||pv_assunto||utl_tcp.crlf));
utl_smtp.write_raw_data(pv_conn, utl_raw.cast_to_raw(''||utl_tcp.crlf));
utl_smtp.write_raw_data(pv_conn, utl_raw.cast_to_raw(utl_tcp.crlf||pc_mensagem));
utl_smtp.CLOSE_DATA(pv_conn);
utl_smtp.QUIT(pv_conn);
EXCEPTION
WHEN OTHERS THEN
utl_smtp.quit (pv_conn);
RAISE_APPLICATION_ERROR(-20011,'Não foi Possível enviar o Email devido ao seguinte erro: '||sqlerrm);
end;
```

```
create or replace PROCEDURE PR_ENVIAREMAILAUT ( pv_smtp
IN varchar2,pv_usuario IN varchar2,
pv_senha IN varchar2,pv_remetente
IN varchar2,
pv_destinatario IN varchar2,
pv_assunto IN varchar2,
pc_mensagem IN clob) IS
pv_conn utl_smtp.connection;
begin
pv_conn := utl_smtp.open_connection (pv_smtp,587);
utl_smtp.ehlo(pv_conn,pv_smtp);
utl_smtp.command (pv_conn, 'AUTH LOGIN');

utl_smtp.command
(pv_conn,utl_raw.cast_to_varchar2(utl_encode.base64_encode(utl_
raw.cast_to_raw(pv_usuario))));
utl_smtp.command
(pv_conn,utl_raw.cast_to_varchar2(utl_encode.base64_encode(utl_
raw.cast_to_raw(pv_senha))));
```

```

utl_smtp.mail (pv_conn,('<' ||pv_remetente||'>'));
utl_smtp.rcpt (pv_conn,('<' ||pv_destinatario||'>'));

utl_smtp.open_data(pv_conn);
utl_smtp.write_raw_data(pv_conn,      utl_raw.cast_to_raw('Content-
Type: Text/Html;charset=UTF=8'||utl_tcp.crlf));
utl_smtp.write_raw_data(pv_conn,
utl_raw.cast_to_raw('From:' ||pv_remetente||utl_tcp.crlf));
utl_smtp.write_raw_data(pv_conn,
utl_raw.cast_to_raw('To:' ||pv_destinatario||utl_tcp.crlf));
utl_smtp.write_raw_data(pv_conn,
utl_raw.cast_to_raw('Subject:' ||pv_assunto||utl_tcp.crlf));
utl_smtp.write_raw_data(pv_conn,
utl_raw.cast_to_raw(''||utl_tcp.crlf));
utl_smtp.write_raw_data(pv_conn,
utl_raw.cast_to_raw(utl_tcp.crlf||pc_mensagem));

utl_smtp.CLOSE_DATA(pv_conn);
utl_smtp.QUIT(pv_conn);
EXCEPTION
WHEN OTHERS THEN
utl_smtp.quit (pv_conn);
RAISE_APPLICATION_ERROR(-20011,'Não foi Possivel enviar o
Email devido ao seguinte erro: '||sqlerrm);
end;
```