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Task   : Latihan Level 3 IDP PostgreSQL

SP : Update Karyawan + Detail

```
CREATE OR REPLACE PROCEDURE update_karyawan(

    INOUT nama VARCHAR,

    INOUT jk VARCHAR,

    INOUT dob DATE,

    INOUT alamat TEXT,

    INOUT status VARCHAR,

    INOUT nik VARCHAR,

    INOUT npwp VARCHAR,

    INOUT id BIGINT DEFAULT NULL,

    INOUT error_desc VARCHAR DEFAULT NULL,

    INOUT error_code INTEGER DEFAULT NULL

)

LANGUAGE plpgsql

AS $$

BEGIN

    -- Mulai blok try

    BEGIN

        -- Update tabel karyawan_detail

        UPDATE karyawan_detail

        SET nik = update_karyawan.nik,

            npwp = update_karyawan.npwp,

            updated_date = NOW()

        WHERE karyawan_detail.id = update_karyawan.id;


        -- Update tabel karyawan

        UPDATE karyawan

        SET name = nama,

            address = alamat,

            dob = update_karyawan.dob,

            status = update_karyawan.status,
```
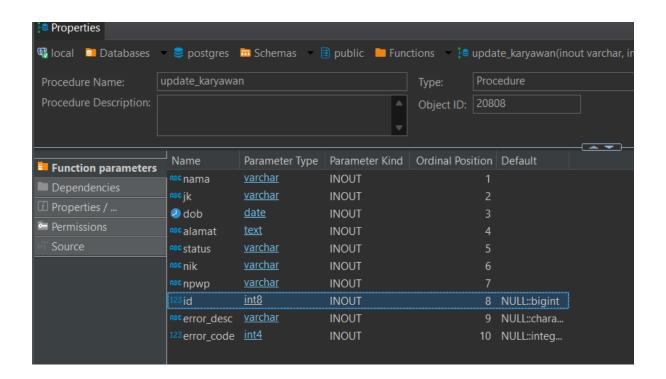
```
        updated_date = NOW()

    WHERE karyawan.id = update_karyawan.id;


    -- Jika tidak ada error

    error_desc := 'Success';

    error_code := 0;


EXCEPTION WHEN OTHERS THEN

    -- Tangani error

    error_desc := 'Error updating data';

    error_code := 1;

    RAISE NOTICE 'Error: %', SQLERRM;

  END;

END;

$$;
```


Name	Parameter Type	Parameter Kind	Ordinal Position	Default
nama	varchar	INOUT	1	
jk	varchar	INOUT	2	
dob	date	INOUT	3	
alamat	text	INOUT	4	
status	varchar	INOUT	5	
nik	varchar	INOUT	6	
npwp	varchar	INOUT	7	
id	int8	INOUT	8	NULL::bigint
error_desc	varchar	INOUT	9	NULL::chara...
error_code	int4	INOUT	10	NULL::integ...

Properties — Procedure Name: update_karyawan — Type: Procedure — Object ID: 20808

Function parameters / Dependencies / Properties / ... / Permissions / Source

```
CALL update_karyawan(

  nama := 'John Terry',

  jk := 'L',

  dob := '1990-01-15',
```

```
    alamat := 'Jl. Jalan Baru',

    status := 'Inactive',

    nik := '1234567890',

    npwp := '9876543210',

    id := 2,

    error_desc := NULL,

    error_code := NULL

);
```

Results 1 ×

CALL update_karyawan(nama := 'John Terry', jk := 'L', d¡ | Enter a SQL expression to filter results (use Ctrl+Space)

nama	jk	dob	alamat	status	nik	npwp	id	error_desc	error_code
John Terry	L	1990-01-15	Jl. Jalan Baru	Inactive	1234567890	9876543210	2	Success	0