

Documentation LP using Org-babel

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1. Context

Showing LP functionality using Org-babel.

2. SQL

2.1 Common

2.1.1 Header

The header:

```
-- no longer display the count message
SET NOCOUNT ON

DECLARE @dateFmtStyleIn int; SET @dateFmtStyleIn = 120 -- ODBC canonical
DECLARE @dateFmtStyleOut int; SET @dateFmtStyleOut = 103 -- French dd/mm/yyyy

DECLARE @firstDayOfThisMonth smalldatetime
SET @firstDayOfThisMonth = CONVERT(smalldatetime,
    CAST(YEAR(GETDATE()) AS char(4)) + '-'
    + CAST(MONTH(GETDATE()) AS char(2)) + '-'
    + '01' + ' 00:00:00',
    @dateFmtStyleIn)
```

2.1.2 Condition

Condition is as well common to all requests:

```

    IN (SELECT actAbcID_fk
        FROM actions
        WHERE (actID = 338 AND actEtat = 3))
    AND abcF1SignDate < @firstDayOfThisMonth
ORDER BY abcID

```

2.2 Specific code

2.2.1 File Entreprise

The specific for Entreprise:

```

<<sql-init.sql>>
SELECT abcID, etpID, etpAssurATPolNum
FROM entreprise JOIN dossier
    ON (etpAbcID_fk = abcID)
WHERE etpAbcID_fk
<<sql-cond.sql>>

```

What results to:

```

-- generated by org-babel-tangle
-- [[id:7ad3d054-87f7-4a21-ba51-3826551b797d][Entreprise.sql]]
-- no longer display the count message
SET NOCOUNT ON

DECLARE @dateFmtStyleIn int; SET @dateFmtStyleIn = 120 -- ODBC canonical
DECLARE @dateFmtStyleOut int; SET @dateFmtStyleOut = 103 -- French dd/mm/yyyy

DECLARE @firstDayOfThisMonth smalldatetime
SET @firstDayOfThisMonth = CONVERT(smalldatetime,
    CAST(YEAR(GETDATE()) AS char(4)) + '-'
    + CAST(MONTH(GETDATE()) AS char(2)) + '-'
    + '01' + ' 00:00:00',
    @dateFmtStyleIn)

SELECT abcID, etpID, etpAssurATPolNum
FROM entreprise JOIN dossier
    ON (etpAbcID_fk = abcID)
WHERE etpAbcID_fk
IN (SELECT actAbcID_fk
    FROM actions
    WHERE (actID = 338 AND actEtat = 3))
    AND abcF1SignDate < @firstDayOfThisMonth
ORDER BY abcID
-- Entreprise.sql ends here

```

Listing 1: File Entreprise

2.2.2 File Formation

The specific for Formation:

```

<<sql-init.sql>>
SELECT abcID, frmAlternNbrSem, frmNbrSem,
    CONVERT(varchar(10), frmDateDeb, @dateFmtStyleOut) AS frmDateDeb,
    CONVERT(varchar(10), frmDateFin, @dateFmtStyleOut) AS frmDateFin,
    frmProlongNbrSem, frmTermNorm,

```

```

        CONVERT(varchar(10), frmArretDate, @dateFmtStyleOut) AS frmArretDate,
        frmArretOrigDec,
        frmArretCode, frmTPleinHeuresSem, frmTprestheuresSem, frmDureeVA,
        frmCodeRomeElink
FROM formation JOIN dossier
    ON (frmAbcID_fk = abcID)
WHERE frmAbcID_fk
<<sql-cond.sql>>

```

What results to:

```

-- generated by org-babel-tangle
-- [[id:31c2737a-6a01-473a-b139-cdfce25c80dd][Formation.sql]]
-- no longer display the count message
SET NOCOUNT ON

DECLARE @dateFmtStyleIn int; SET @dateFmtStyleIn = 120 -- ODBC canonical
DECLARE @dateFmtStyleOut int; SET @dateFmtStyleOut = 103 -- French dd/mm/yyyy

DECLARE @firstDayOfThisMonth smalldatetime
SET @firstDayOfThisMonth = CONVERT(smalldatetime,
    CAST(YEAR(GETDATE()) AS char(4)) + '-'
    + CAST(MONTH(GETDATE()) AS char(2)) + '-'
    + '01' + ' 00:00:00',
    @dateFmtStyleIn)
SELECT abcID, frmAlternNbrSem, frmNbrSem,
    CONVERT(varchar(10), frmDateDeb, @dateFmtStyleOut) AS frmDateDeb,
    CONVERT(varchar(10), frmDateFin, @dateFmtStyleOut) AS frmDateFin,
    frmProlongNbrSem, frmTermNorm,
    CONVERT(varchar(10), frmArretDate, @dateFmtStyleOut) AS frmArretDate,
    frmArretOrigDec,
    frmArretCode, frmTPleinHeuresSem, frmTprestheuresSem, frmDureeVA,
    frmCodeRomeElink
FROM formation JOIN dossier
    ON (frmAbcID_fk = abcID)
WHERE frmAbcID_fk
IN (SELECT actAbcID_fk
    FROM actions
    WHERE (actID = 338 AND actEtat = 3))
    AND abcF1SignDate < @firstDayOfThisMonth
ORDER BY abcID
-- Formation.sql ends here

```

Listing 2: File Formation

Documents ends here.

Acronyms