

# Greenshades SQL Script for Cloud Upgrade

```
DECLARE @results TABLE (  
    EmployeeID VARCHAR(25) NULL,  
    Error VARCHAR(MAX)  
);  
  
DECLARE @systemDatabaseName varchar(80);  
IF EXISTS (SELECT * FROM INFORMATION_SCHEMA.TABLES WHERE TABLE_NAME = 'SY00100')  
    SELECT TOP 1 @systemDatabaseName = DBNAME FROM SY00100;  
ELSE  
    SET @systemDatabaseName = 'DYNAMICS';  
  
DECLARE @dynamicQuery NVARCHAR(max);  
  
-- Employee Departments  
  
INSERT INTO @results  
SELECT  
    emp.EMPLOYID,  
    'Employee has department code ' + RTRIM(emp.DEPRTMNT) + ', but this does not exist in Department  
Setup.'  
FROM UPR00100 emp  
LEFT JOIN UPR40300 dep  
    ON RTRIM(emp.DEPRTMNT) = dep.DEPRTMNT  
WHERE dep.DEPRTMNT IS NULL  
    AND ISNULL(RTRIM(emp.DEPRTMNT), '') <> '';  
  
WITH DepartmentsInUse AS (  
    SELECT  
        DISTINCT emp.DEPRTMNT  
    FROM UPR00100 emp  
    WHERE ISNULL(RTRIM(emp.DEPRTMNT), '') <> ''  
)  
INSERT INTO @results  
SELECT  
    null,  
    'Department code ' + RTRIM(dep.DEPRTMNT) + ' in Department Setup has a length of greater than 50  
characters.'  
FROM UPR40300 dep  
JOIN DepartmentsInUse emp  
    ON RTRIM(emp.DEPRTMNT) = dep.DEPRTMNT  
WHERE LEN(RTRIM(dep.DEPRTMNT)) > 50;  
  
-- Employee Locations  
  
INSERT INTO @results
```



```
SELECT
    emp.EMPLOYID,
    'Employee has location code "' + RTRIM(emp.LOCATNID) + '"', but this does not exist in Company
Addresses.'
FROM UPR00100 emp
LEFT JOIN SY00600 cl
    ON emp.LOCATNID = cl.LOCATNID
WHERE cl.LOCATNID IS NULL
    AND ISNULL(emp.LOCATNID, '') <> '';

SET @dynamicQuery = N'
    WITH LocationsInUse AS (
        SELECT
            DISTINCT emp.LOCATNID
            FROM UPR00100 emp
            WHERE ISNULL(emp.LOCATNID, '') <> ''
    )
    SELECT
        null,
        "Location code '" + RTRIM(cl.LOCATNID) + "' is in Company Addresses but not in Company
Setup for Company " + DB_NAME() + "."
        FROM SY00600 cl
        JOIN LocationsInUse loc
            ON cl.LOCATNID = loc.LOCATNID
        LEFT JOIN ' + RTRIM(@systemDatabaseName) + '[dbo].[SY01500] dl
            ON cl.CMPANYID = dl.CMPANYID
            AND dl.INTERID = DB_NAME()
        WHERE dl.CMPANYID IS NULL';
INSERT INTO @results EXEC (@dynamicQuery);

SET @dynamicQuery = N'
    WITH LocationsInUse AS (
        SELECT
            DISTINCT emp.LOCATNID
            FROM UPR00100 emp
            WHERE ISNULL(emp.LOCATNID, '') <> ''
    )
    SELECT
        null,
        "Location code '" + RTRIM(cl.LOCATNID) + "' in Company Addresses has a length of greater
than 50 characters."
        FROM SY00600 cl
        JOIN LocationsInUse loc
            ON cl.LOCATNID = loc.LOCATNID
        JOIN ' + RTRIM(@systemDatabaseName) + '[dbo].[SY01500] dl
            ON cl.CMPANYID = dl.CMPANYID
            AND dl.INTERID = DB_NAME()
            AND LEN(cl.LOCATNID) > 50';
INSERT INTO @results EXEC (@dynamicQuery);

-- Employee Positions

INSERT INTO @results
SELECT
```



```
emp.EMPLOYID,  
'Employee has position code "' + RTRIM(emp.JOBTITLE) + "', but this does not exist in Position Setup.'  
FROM UPR00100 emp  
LEFT JOIN UPR40301 pos  
ON emp.JOBTITLE = pos.JOBTITLE  
WHERE pos.JOBTITLE IS NULL  
AND ISNULL(emp.JOBTITLE, '') <> '';
```

#### -- Employee Deductions

```
INSERT INTO @results  
SELECT  
ed.EMPLOYID,  
'Employee has deduction code "' + RTRIM(ed.DEDUCTON) + "', but this does not exist in Deduction Setup.'  
FROM UPR00500 ed  
LEFT JOIN UPR40900 ded  
ON ed.DEDUCTON = ded.DEDUCTON  
WHERE ded.DEDUCTON IS NULL;
```

#### -- Employee Local Tax Codes

```
INSERT INTO @results  
SELECT  
et.EMPLOYID,  
'Employee has local tax code "' + RTRIM(et.LOCALTAX) + "', but this does not exist in Payroll Local Tax  
Setup.'  
FROM UPR00800 et  
LEFT JOIN UPR41400 tax  
ON et.LOCALTAX = tax.LOCALTAX  
WHERE tax.LOCALTAX IS NULL;
```

#### -- Employee Pay Code Assignments

```
INSERT INTO @results  
SELECT  
ep.EMPLOYID,  
'Employee has pay code "' + RTRIM(ep.PAYRCORD) + "', but this does not exist in Pay Code Setup.'  
FROM UPR00400 ep  
LEFT JOIN UPR40600 pcd  
ON ep.PAYRCORD = pcd.PAYRCORD  
WHERE pcd.PAYRCORD IS NULL;
```

#### -- Employee Pay Record Earnings

```
INSERT INTO @results  
SELECT  
ept.EMPLOYID,  
'Employee has an earning record with pay code "' + RTRIM(ept.PAYROLCD) + "', but this does not exist in  
Pay Code Setup.'  
FROM UPR30300 ept  
JOIN UPR30100 pch  
ON ept.[AUCTRLCD] = pch.[AUCTRLCD]
```



```
AND ept.[PYADNMBR] = pch.[PYADNMBR]
LEFT JOIN UPR40600 pcd
ON RTRIM(ept.PAYROLCD) = pcd.PAYRCORD
WHERE CAST(ept.PYRLRTYP as INT) IN (1, 7)
AND pcd.PAYRCORD IS NULL
GROUP BY ept.EMPLOYID, ept.PAYROLCD;
```

-- Employee Pay Record Deductions

-- GO\_EmployeePayRecordDeductions excludes based on the master table, so MML exceptions cannot occur here.

-- Employee Pay Record Benefits

-- GO\_EmployeePayRecordBenefits excludes based on the master table, so MML exceptions cannot occur here.

```
SELECT * FROM @results;
```

