# Eco Time - Sage API – Sage Configuration Requirements

(Updated 28 October 2024)

#### API Setup for Sage consultant to set up

- 1. The Sage screens below need to be configured.
- 2. The Sage API configuration is setup under the Utilities' API Section

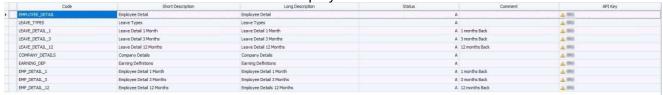




3. Set API Key Access



4. Create Generic Get API's - For Leave and Employee Data.



#### 5. Generic Get API Detail Queries



a. Code - EMPLOYEE\_DETAIL

Query - Select \* From Employee.EmployeeDetail



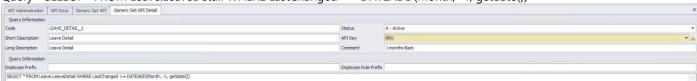
b. Code - LEAVE\_TYPES

Query - Select \* From Select \* From Leave.LeaveDef



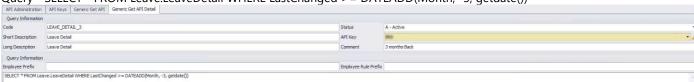
c. Code - LEAVE\_DETAIL\_1 (1 months Back)

Query - SELECT \* FROM Leave.LeaveDetail WHERE LastChanged >= DATEADD(Month, -1, getdate())



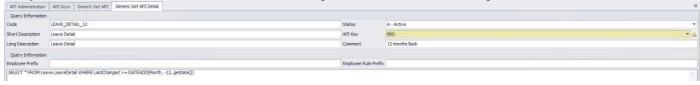
d. Code - LEAVE DETAIL 3 (3 months Back)

Query - SELECT \* FROM Leave.LeaveDetail WHERE LastChanged >= DATEADD(Month, -3, getdate())



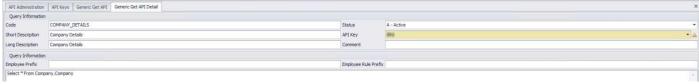
e. Code - LEAVE\_DETAIL\_ 12 (12 months Back)

Query - SELECT \* FROM Leave.LeaveDetail WHERE LastChanged >= DATEADD(Month, -12, getdate())



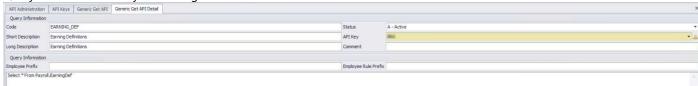
f. Code - COMPANY\_DETAILS

Query - Select \* From Company.Company



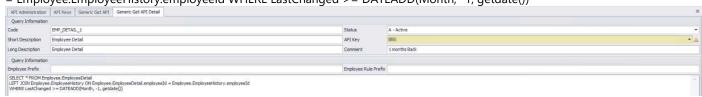
#### g. Code - EARNING\_DEF

Query - Select \* From Payroll.EarningDef



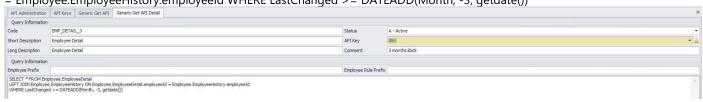
h. Code - EMP\_DETAIL\_1 (1 months Back)

Query - SELECT \* FROM Employee.EmployeeDetail LEFT JOIN Employee.EmployeeHistory ON Employee.EmployeeDetail.employeeId = Employee.EmployeeHistory.employeeId WHERE LastChanged >= DATEADD(Month, -1, getdate())



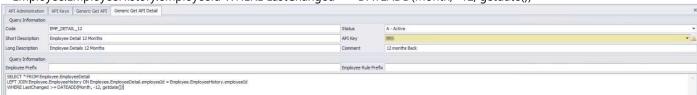
i. Code - EMP\_DETAIL\_3 (3 months Back)

Query - SELECT \* FROM Employee.EmployeeDetail LEFT JOIN Employee.EmployeeHistory ON Employee.EmployeeDetail.employeeId = Employee.EmployeeHistory.employeeId WHERE LastChanged >= DATEADD(Month, -3, getdate())



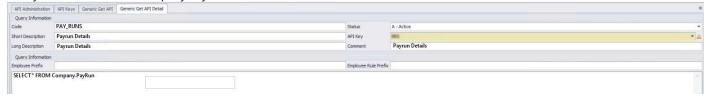
j. Code - EMP\_DETAIL\_12 (12 months Back)

Query - SELECT \* FROM Employee.EmployeeDetail LEFT JOIN Employee.EmployeeHistory ON Employee.EmployeeDetail.employeeId = EmployeeEmployeeHistory.employeeId WHERE LastChanged >= DATEADD(Month, -12, getdate())



k. Code – PAY\_RUNS

Query - SELECT \* FROM Company.PayRun



- I. Transaction codes for Payroll Codes (Earning Codes).
  - a. The Sage Api used the Transaction Code Input (api/apibase/Header/TXCODEINPUT) method to update an employee earning units which in Eco case represents hours.
  - b. It utilises the functionality of the Transaction Code Linking setup on the Payroll Definition type of the Company Rule.
  - c. A transaction code has to be linked for this functionality to be used.

- d. See screen grabs below for reference.
- e. This is an example only. The payroll codes must match that of the company's payroll codes being configured.

## Payroll Lines

### **Transaction Codes**

Code	9	Short Description	Long Description		
th Africa (Pty) L	td				
SALARY		Salary	Salary	SALARY	
WAGES		Wages	Wages	WAGES	
OT_1_5		Overtime 1.5	Overtime 1.5	OT_1_5	
OT_2_0		Overtime 2.0	Overtime 2.0	OT_2_0	
SUNDAY_1_5		Sunday 1.5	Sunday 1.5	SUNDAY_1_5	
OT_PPH		Overtime Paid	Overtime Paid	OT_PHH	
NIGHT_WORK		Night Work	Night Work	NIGHT_WORK	