

**Advanced Business Solutions**

**Jet 2 Salary History Custom Trigger Requirement**

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| **Version:** | 1.0 |
| **Last Saved:** | 06/11/2014 |
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# Overview

The purpose of this document is to summarise the requirement outlined by Jet 2 for a custom trigger on the Salary table.

When a record is inserted into the Salary table the trigger will update the Job End Date of those records surrounding it.

# Requirement and Examples

Currently any retrospective changes to records in the Salary table do not update the Job Start Date or Job End Date columns of those records immediately above or below a newly inserted line. For example: -

**Job Start Date** **Job End Date**

Line 1 01/04/2014

Line 2 01/04/2013 31/03/2014

Line 3 01/04/2012 31/03/2013

Line 4 01/04/2011 31/03/2012

If a new line were to be inserted in between two others, the surrounding lines should have their dates altered accordingly. For example: -

**Job Start Date Job End Date**

Line 1 01/04/2014

Line 2 01/04/2013 31/03/2014

New Line (Line 3) 01/02/2013 31/03/2013

Line 4 01/04/2012 31/01/2013

Line 5 01/04/2011 31/03/2012

The values highlighted in red will be calculated by the custom trigger.

If a Job Start Date is amended the Job End Date should be amended accordingly. For example: -

**Job Start Date Job End Date**

Line 1 01/04/2014

Line 2 01/06/2013 31/03/2014

Line 3 01/02/2013 31/05/2013

Line 4 01/04/2012 31/01/2013

Line 5 01/04/2011 31/03/2012

The above example shows how the user makes an alteration to a record (shown in blue) and how the system would make an amendment to the Job End Date of the previous record (shown in red).

The final scenario that the custom trigger should allow for is the deletion of records. If a record is deleted the surrounding records should update. For example: -

**Job Start Date Job End Date**

Line 1 01/04/2014

Line 2 01/06/2013 31/03/2014

~~Line 3~~ ~~01/02/2013~~ ~~31/05/2013~~

Line 4 01/04/2012 31/05/2013

Line 5 01/04/2011 31/03/2012

The above example shows how the Job End Date for Line 4 is altered if Line 3 was to be deleted.

# Summary

The custom trigger will only update the Job End Date therefore the user will be required to enter the correct Job Start Date.

Jet 2 are an OpenPeople customer therefore the Salary history is linked to the shared table. The date effective columns are separate to the Job Start Date and Job End Date. Any amendments to records to be sent to the shared table are controlled by the Change Reason and Do Not Send to Payroll columns and should not be affected by the custom trigger.

# Requirements sign off

Please read through and check the requirements outlined in Section 2 of this Requirements Specification.

If you are happy that the specification meets your requirements then please sign the declaration below. Please note that changes to the specification requested after we have received this signed approval may be chargeable.

Production of your system will not proceed until we have received this signed approval.

I confirm that I have checked this Requirements Specification and approve the Specification:

Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Position: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_