Postcode Distance Configuration

Ensure the the General Setting 'Postcode Distance Multiplier' is a value greater than zero. Suggest starting with 1.

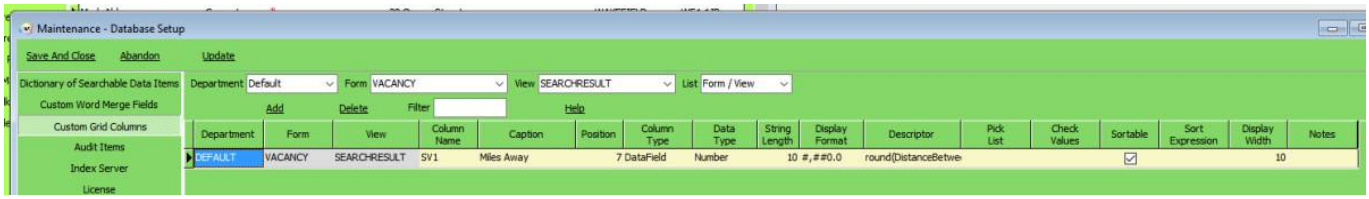
Data Source

The postcode location data will be kept up to date by the Static Data Download facility of IQXHub. Ensure that you have a hub configured to do this.

Columns in Vacancy & Person Search Results

In Maintenance | Database Setup | Custom Grid Columns choose Department: DEFAULT, Form: VACANCY, View: SEARCHRESULT

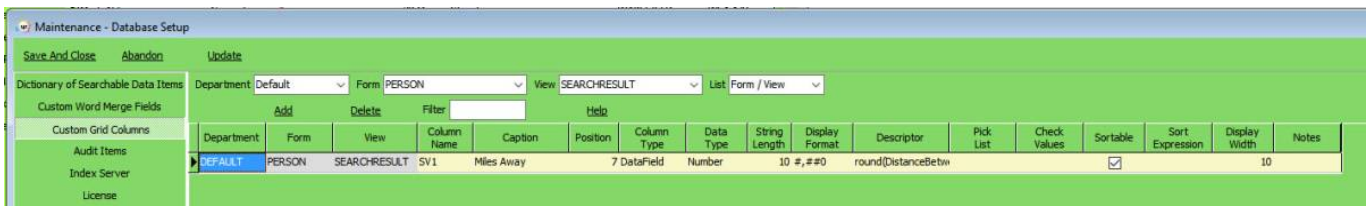
and then Add the details shown:



the Descriptor should read:

```
round(DistanceBetweenPostCodes(Person.PostCode,:Q_SitePostCodeForMap,'Mi'),1
)
```

Then click Update To add a distance column to the Person Vacancy Search Results table, choose Department: DEFAULT, Form: PERSON, View: SEARCHRESULT and then click Add again. Then complete the details below:



This time the Descriptor should be:

```
round(DistanceBetweenPostCodes(:Q_PostCode,isnull(vacancy.postcode,
company.postcode) ,'Mi'),1)
```

Column in Shift Matcher

Set the Database Function: Vacancy Shift Matcher Numeric Custom Column to

```
( in @PersonID char(20),in @VacancyID char(20) )
returns double
begin
  declare rv double;
  set rv = DistanceBetweenPostCodes(
    (select Person.PostCode from Person where Person.PersonID = @PersonID),
    (select isnull(vacancy.postcode,company.postcode) from Vacancy key join
Employment key join Company where Vacancy.VacancyID = @VacancyID),'Mi');
  if rv < 1 then
    return round(rv,1)
  else
    return round(rv,0)
  end if
end
```

Set the General Setting 'Caption for Shift Matcher Custom Column' to 'Distance'.

Searchable Criteria

This SQL will add 'Radius from Postcode' to candidate & company searchable criteria, 'Radius from Vacancy' to vacancy requirements, 'Radius from Person' to vacancy searchable criteria.

```
insert into
dictionary(minstep,dictionaryid,dictionarylocation,ItemType,databaseItem,Com
boSelections,Description,SortOrder,Units,ComplexExpression) values(
1,'PRD','P','S','Not Used','','Radius from
Postcode',310,'Miles','DistanceBetweenPostCodes(Person.PostCode,''<SVALUE>''
,''Miles'') between <N1> and <N2>');

insert into
dictionary(minstep,dictionaryid,dictionarylocation,ItemType,databaseItem,Com
boSelections,Description,SortOrder,Units,ComplexExpression) values(
1,'PRR','P','B','Not Used','','Radius from
Vacancy',300,'Miles','DistanceBetweenPostCodes(Person.PostCode,(select
isnull(Vacancy.PostCode,Company.PostCode) from Vacancy key join Employment
key join Company where Vacancy.VacancyID = <XID>),''Mi'') between <N1> and
<N2>');
```

```
insert into
dictionary(minstep,dictionaryid,dictionarylocation,ItemType,databaseItem,Com
boSelections,Description,SortOrder,Units,ComplexExpression) values(
1,'CRD','C','S','Not Used','','Radius from
Postcode',310,'Miles','DistanceBetweenPostCodes(Company.PostCode,''<SVALUE>'
','''Miles'') between <N1> and <N2>');

insert into
dictionary(minstep,dictionaryid,dictionarylocation,ItemType,databaseItem,Com
boSelections,Description,SortOrder,Units,ComplexExpression) values(
1,'VRR','V','B','Not Used','','Radius from
Person',300,'Miles','DistanceBetweenPostCodes((select Person.PostCode from
Person where Person.PersonID =
<XID>),isnull(Vacancy.PostCode,Company.PostCode),''Mi'') between <N1> and
<N2>');
```

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