

# Merge Duplicate Fields

when some one one has created forms Schema Design with Duplicated fields.. which have the same field Properties ie ;

```
* name
* select-multi
* field-type
* concept
* table-name
* default-value
```

## Step-by-step guide

1. you simply go to the Admin page > Merge duplicate fields ,under "Forms"
2. click Merge duplicate fields and if there are any Duplicated fields, It will automatically merge them

## Effects of "Merge Duplicate Fields"

the function merges simiilar/ Duplicated fields per each form, simimilar implying they have same "Field name" , "Select multi" , "Field Type" , "Concept" , "Table name" , "Default Value",

and it points all the duplicated fields to the first field.

**NB . the function does not delete the duplicated fields from the given Form\_Field table in the Dtabase , neither from the form Layout, but t just points the duplicated Fields to one single Field.**

an example below is a duplicated field "NewX" in a form.

**before the Duplicated Fields are merged** , when u search in "Find field Elements" for a field to add to the form,

all the Duplicated Fields are returned as single fields

Find Field Elements

*Results for "new". Viewing 1-8 of 8*

1. new field (5 forms) - CONCEPT.MALARIAL SMEAR	
2. NewX (1 forms) - CONCEPT.MARRIED	} ←
3. NewX (1 forms) - CONCEPT.MARRIED	
4. NewX (1 forms) - CONCEPT.MARRIED	
5. NewX (1 forms) - CONCEPT.MARRIED	
6. CONCEPT.NEW COMPLAINTS	
7. CONCEPT.NEWBORN ANTIRETROVIRAL USE	
8. CONCEPT.NEW WHO/CDC STAGING CRITERIA MET	

[Add New Field](#) or [Add New Concept](#)

**After u Merge the Duplicated Fields**, when u serach for the Duplccated field, it is returned as a merged field

Find Field Elements

*Results for "new". Viewing 1-5 of 5*

1. new field (5 forms) - CONCEPT.MALARIAL SMEAR
2. NewX (4 forms) - CONCEPT.MARRIED
3. CONCEPT.NEW COMPLAINTS
4. CONCEPT.NEWBORN ANTIRETROVIRAL USE
5. CONCEPT.NEW WHO/CDC STAGING CRITERIA MET

[Add New Field](#) or [Add New Concept](#)

code

<https://github.com/openmrs/openmrs-core/blob/58a4d93c9f1fd514f84e99cd7ce4054f53db8ddd/api/src/main/java/org/openmrs/api/impl/FormServiceImpl.java#L634>