#21   Included layouts in reports

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Reports able to display information from many files in sorted order.

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Several questions have come up about reports that are seemingly impossible. For instance look at the following structure:
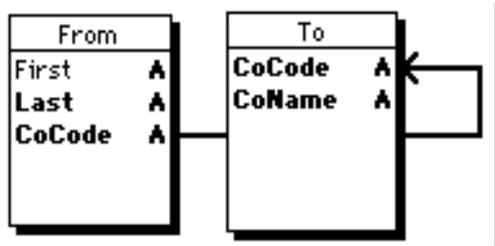

How would a report be generated that shows all of the records in the [From] file but sorted by CoName in the [To] file? The way to do it is to create two layouts. The first one in file [From].
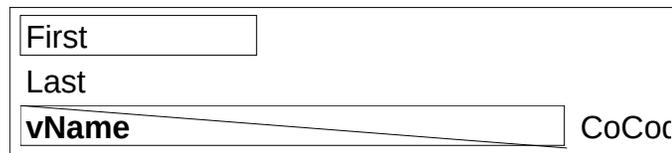
This will be an output layout with all of the fields necessary and one variable for vName if needed.

The second layout will be in file [To].
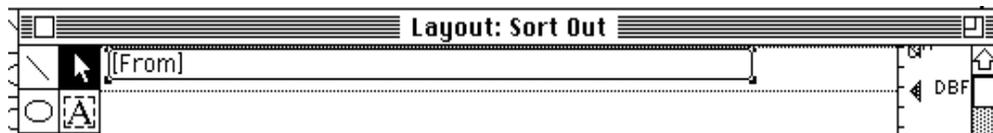
This will also be an output layout but all that will be on it is an included layout from [From] (the one we created). Then we will attach a layout procedure to the one in [To] that selects the right records in [From] for each record in [To].

Output Layout Procedure:

4th Dimension Technical Note

If (Before)
    SEARCH BY INDEX([From]CoCode=[To]CoCode)
    SORT BY INDEX([From]Last;>)
    vName:=[To]CoName
End if

This simple procedure collects the right records in [From] and sorts them, giving a list that appears to be sorted by CoName. This code will produce the following output:

```
                                             Cu:
    ┌──────────────────────────────────┐
    │ Joe                              │
    │ Blow                             │
    │ Acius                      AAA   │
    └──────────────────────────────────┘
    ┌──────────────────────────────────┐
    │ Dave                             │
    │ Jefferson                        │
    │ Acius                      AAA   │
    └──────────────────────────────────┘
    ┌──────────────────────────────────┐
    │ Mark                             │
    │ Johnson                          │
    │ Acius                      AAA   │
    └──────────────────────────────────┘
    ┌──────────────────────────────────┐
    │ John                             │
    │ Smith                            │
    │ Apple                      AAB   │
    └──────────────────────────────────┘
    ┌──────────────────────────────────┐
    │ George                           │
    │ Lawrence                         │
    │ Radius                     AAE   │
    └──────────────────────────────────┘
    ┌──────────────────────────────────┐
    │ Steve                            │
    │ Mitchell                         │
    │ Raychem                    AAC   │
    └──────────────────────────────────┘
    ┌──────────────────────────────────┐
    │ Joanna                           │
    │ Terry                            │
    │ Raychem                    AAC   │
    └──────────────────────────────────┘
```

4th Dimension Technical Note