

I02 - Create whole document with several related tables

Start with Report 88002 or create a new report from a Header Line template.

Complete the dataset

Add VAT Lines:

1. Right click the Header;
2. Select Insert Section > DataItem;
3. In the properties menu add the Data Item Table. Select table 290, VAT Amount Line;
4. In the properties menu add sorting to the Data Item Table View. Sort on the VAT Identifier, VAT Calculation Type, Tax Group Code, Use Tax, and Positive fields;
5. In the properties menu Total Fields add the fields VAT %, VAT Base, VAT Amount, and Line Amount;
6. In the properties Menu set the Data Item Variable Name to VATAmountLine;
7. In the properties menu set Temporary to True;
8. Right click the Header;
9. Select Insert Section > DataItem;
10. In the properties menu add the Data Item Table. Select table 560, VAT Clause;
11. In the properties menu add sorting to the Data Item Table View. Sort on the Code field;
12. In the properties Menu set the Data Item Variable Name to VATClause;
13. In the properties menu set Temporary to True.

Add the code to populate temporary tables.

14. Open the report in the Object Designer;
15. Add the functions GetVatAmountLines and GetVATClauses from the file I02 - C-AL code to add.txt and the calls to them in the Header OnAfterGetRecord section. This will populate the VAT Amount Line temp table;
16. Run the report preview and note the changes.

Add VAT amount lines

17. Right click the VATAmountLine DataItem and select Insert Section > Header;
18. In the properties menu set Section Name to VATHeader;
19. Right click the VATAmountLine DataItem;
20. Select Insert Section > Body;
21. In the properties menu set Section Name to VATBody;
22. Right click the VATAmountLine DataItem;
23. Select Insert Section > Footer;
24. In the properties menu set Section Name to VATFooter;
25. In the VATHeader add a table with the field captions VATIdentifier, VATPct, LineAmount, VATAmount, and VATBase;
26. In the VATBody add a table with the fields VATIdentifier, VATPct, LineAmount, VATAmount, and VATBase;
27. In the VATFooter add a table with the fields LineAmount, VATAmount, and VATBase;
28. Run the report preview and note the changes.

Add a Header and a Footer to the line Data Item.

29. Right click the Line DataItem and select Insert Section > Header;
30. In the properties menu set Section Name to LineHeader;
31. Select the Body1 section;
32. In the properties menu set Section Name to LineBody;
33. Right click the Line DataItem;
34. Select Insert Section > Footer;
35. In the properties menu set Section Name to LineFooter;
36. Delete the fields in the LineBody section;
37. Add a table with the fields No, Description, Quantity, Unit of Measure, and LineAmount to the LineBody section;
38. Add a table with the fieldcaptions No, Description, Quantity, Unit of Measure, and LineAmount to the LineHeader section;
39. In the LineFooter add the fields CurrReport.StandardCaptions.SubTotal and Header.Amount.

Add the Company Information

40. Right click the Header DataItem;
41. Select Insert Section > Footer;
42. In the properties of the footer rename the Section Name to Footer;
43. In the properties of the footer set Print On Every Page and Place In Bottom to Yes;
44. Add a textbox the full width of the footer;
45. In the Source Expression of this Text Box add:

`CompanyInformation.FieldCaptions.PhoneNo + ' : ' + CompanyInformation.PhoneNo;`

46. Run the report preview and note the changes.