



Avalara AvaTax for Microsoft Dynamics NAV 2013 R2

Specific Code Change Document

Version 01

Revision date: 10/13/16

Product release: Microsoft NAV 7.10.35473.12.01

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Details

Fixed the issue related Transaction Statistics / Release / Post operation, where transaction contains same jurisdiction level taxes for same line.

Changes in Avalara Tables

Table 14073504 AVA Detail

Changes in Version List:

New Value	AVANA7.08.12.01
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Changes in fields:

Enabled	Field No.	Field Name	Caption	Data Type	Length	Description
Yes	11	Juris.Code	Juris.Code	Text	200	
Yes	14	Tax Name	Tax Name	Text	75	

Changes in Keys:

Old Value	Module,Document Type,Document No.,Document Line No.,Juris.Code
New Value	Module,Document Type,Document No.,Document Line No.,Juris.Code,Tax Rate

Table 14073507 AVA Detail History

Changes in Version List:

New Value	AVANA7.08.12.01
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Changes in fields:

Enabled	Field No.	Field Name	Data Type	Length	Description
Yes	11	Juris. Code	Text	200	
Yes	12	Juris. Name	Text	200	
Yes	14	Tax Name	Text	75	

Changes in Keys:

Old Value	Module,Document Type,Document No.,Document Line No.,Juris.Code
New Value	Module,Document Type,Document No.,Document Line No.,Juris.Code,Tax Rate

Table 14073508 AVA Juris. History

Changes in Version List:

New Value	AVANA7.08.12.01
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Add new field:

Enabled	Field No.	Field Name	Caption	Data Type	Length	Description
Yes	54	Juris.Code	Juris.Code	Text	30	

Changes in fields:

Enabled	Field No.	Field Name	Caption	Data Type	Length	Description
Yes	3	Tax Name	Tax Name	Text	75	
Yes	6	Tax Description	Tax Description	Text	250	

Changes in Keys:

Old Value	Module,Document Type,Document No.,Document Line No.,Tax Name
New Value	Module,Document Type,Document No.,Document Line No.,Tax Name,Juris.Code

Table 14073509 AVA Juris.

Changes in Version List:

New Value	AVANA7.08.12.01
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Add new field:

Enabled	Field No.	Field Name	Caption	Data Type	Length	Description
Yes	54	Juris.Code	Juris.Code	Text	30	

Changes in fields:

Enabled	Field No.	Field Name	Caption	Data Type	Length	Description
Yes	3	Tax Name	Tax Name	Text	75	
Yes	6	Tax Description	Tax Description	Text	250	

Changes in Keys:

Old Value	Module,Document Type,Document No.,Document Line No.,Tax Name
New Value	Module,Document Type,Document No.,Document Line No.,Tax Name,Juris.Code

Changes in Avalara CodeUnits

Codeunit 14073301 AVA Tax Engine

Changes in Version List:

New Value	AVANA7.08.12.01
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Changes in function → fnObjToTbl

Search for below first line and add colored line

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AvaDtl.SETRANGE("Document Line No.",AvaLine."Document Line No.");
AvaDtl.SETRANGE("Juris.Code",oTaxLine.TaxDetails.Item(j).JurisCode);
AvaDtl.SETRANGE("Tax Rate",oTaxLine.TaxDetails.Item(j).Rate); //AVANA7.08.12.01
IF NOT AvaDtl.FINDFIRST THEN BEGIN
  AvaDtl.INIT;
  AvaDtl.Module := AvaLine.Module;
  AvaDtl."Document Type" := DocumentType;
  AvaDtl."Document No." := oResult.DocCode;
  AvaDtl."Document Line No." := AvaLine."Document Line No.";
  AvaDtl."Tax Base":=oTaxLine.TaxDetails.Item(j).Base*DCoefficient;
  AvaDtl."Tax Exempt Amount" := oTaxLine.TaxDetails.Item(j).Exemption*DCoefficient;
  AvaDtl."Tax Rate" := oTaxLine.TaxDetails.Item(j).Rate;
  AvaDtl."Tax Tax Amount" := oTaxLine.TaxDetails.Item(j).Tax*DCoefficient;
  AvaDtl.Taxability := oTaxLine.TaxDetails.Item(j).Taxable*DCoefficient;
  AvaDtl."Tax Type" := oTaxLine.TaxDetails.Item(j).TaxType;
  AvaDtl."Non Taxable" := oTaxLine.TaxDetails.Item(j).NonTaxable;
  AvaDtl."Juris.Code" := oTaxLine.TaxDetails.Item(j).JurisCode;
  AvaDtl."Juris.Name" := oTaxLine.TaxDetails.Item(j).JurisName;
  JurisTypeTxt := UPPERCASE(FORMAT(oTaxLine.TaxDetails.Item(j).JurisType));
  CASE JurisTypeTxt OF
    'STATE' : AvaDtl."Juris.Type" := AvaDtl."Juris.Type"::STATE;
    'COUNTY' : AvaDtl."Juris.Type" := AvaDtl."Juris.Type"::COUNTY;
    'CITY' : AvaDtl."Juris.Type" := AvaDtl."Juris.Type"::CITY;
    'SPECIAL' : AvaDtl."Juris.Type" := AvaDtl."Juris.Type"::SPECIAL;
  END;
  AvaDtl."Tax Name" := oTaxLine.TaxDetails.Item(j).TaxName;
  TmpCityTax+=oTaxLine.TaxDetails.Item(j).Rate;
  AvaDtl.INSERT;
END
ELSE BEGIN
  AvaDtl."Tax Exempt Amount" := oTaxLine.TaxDetails.Item(j).Exemption*DCoefficient;
  AvaDtl."Tax Rate" := oTaxLine.TaxDetails.Item(j).Rate;
  //AvaDtl."Tax Tax Amount" := oTaxLine.TaxDetails.Item(j).Tax*DCoefficient; //AVANA7.08.12.01
  AvaDtl."Tax Tax Amount" += oTaxLine.TaxDetails.Item(j).Tax*DCoefficient; //AVANA7.08.12.01
  AvaDtl.Taxability := oTaxLine.TaxDetails.Item(j).Taxable*DCoefficient;
  AvaDtl."Tax Type" := oTaxLine.TaxDetails.Item(j).TaxType;
  AvaDtl."Non Taxable" := oTaxLine.TaxDetails.Item(j).NonTaxable;
  AvaDtl."Juris.Name" := oTaxLine.TaxDetails.Item(j).JurisName;
  JurisTypeTxt := UPPERCASE(FORMAT(oTaxLine.TaxDetails.Item(j).JurisType));
  CASE JurisTypeTxt OF
    'STATE' : AvaDtl."Juris.Type" := AvaDtl."Juris.Type"::STATE;
    'COUNTY' : AvaDtl."Juris.Type" := AvaDtl."Juris.Type"::COUNTY;
    'CITY' : AvaDtl."Juris.Type" := AvaDtl."Juris.Type"::CITY;
    'SPECIAL' : AvaDtl."Juris.Type" := AvaDtl."Juris.Type"::SPECIAL;
  END;

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AvaDtl."Tax Name" := oTaxLine.TaxDetails.Item(j).TaxName;
TmpCityTax+=oTaxLine.TaxDetails.Item(j).Rate;
AvaDtl.MODIFY;
END;

AvaJurs.RESET;
AvaJurs.SETRANGE(Module,AvaLine.Module);
AvaJurs.SETRANGE("Document Type",DocumentType);
AvaJurs.SETRANGE("Document No.",oResult.DocCode);
AvaJurs.SETRANGE("Tax Name",oTaxLine.TaxDetails.Item(j).TaxName);
//AvaJurs.SETRANGE("Tax Description",oTaxLine.TaxDetails.Item(j).JurisName); //AVANA7.08.12.01
AvaJurs.SETRANGE("Juris.Code",oTaxLine.TaxDetails.Item(j).JurisCode); //AVANA7.08.12.01
IF NOT AvaJurs.FINDFIRST THEN BEGIN
  AvaJurs.INIT;
  AvaJurs.Module := AvaLine.Module;
  AvaJurs."Document Type" := AvaLine."Document Type";
  AvaJurs."Document No." := AvaLine."Document No.";
  AvaJurs."Document Line No." := oResult.TaxLines.Item(i).No;
  AvaJurs."Tax Name" := oTaxLine.TaxDetails.Item(j).TaxName;
  AvaJurs."Juris.Code" := oTaxLine.TaxDetails.Item(j).JurisCode; //AVANA7.08.12.01
  AvaJurs."Tax Description" := oTaxLine.TaxDetails.Item(j).JurisName;
  AvaJurs."Tax Name Total" := oTaxLine.TaxDetails.Item(j).Tax*DCoefficient;
  AvaJurs."Tax Rate" := oTaxLine.TaxDetails.Item(j).Rate;
  AvaJurs.INSERT;
END ELSE BEGIN
  AvaJurs."Tax Name Total" := AvaJurs."Tax Name Total" + oTaxLine.TaxDetails.Item(j).Tax*DCoefficient;
  AvaJurs.MODIFY;

```

Changes in function → fnObjToHistTbl

Search for below first line and add colored line

```

AvaJurs.SETRANGE("Document No.",fAvaHead."Document No.");
IF AvaJurs.FINDFIRST THEN BEGIN
  FOR i := 1 TO AvaJurs.COUNT DO BEGIN
    WITH AvaJursHlst DO BEGIN
      INIT;
      Module := fAvaHead.Module;
      "Document Type" := fAvaHead."Document Type";
      "Document No." := NewDocCode;
      "Document Line No." := AvaJurs."Document Line No.";
      "Tax Name" := AvaJurs."Tax Name";
      "Juris.Code" := AvaJurs."Juris.Code"; //AVANA7.08.12.01
      "Tax Description" := AvaJurs."Tax Description";
      "Tax Name Total" := AvaJurs."Tax Name Total";
      "Tax Rate" := AvaJurs."Tax Rate";
    INSERT;
  END;
  AvaJurs.NEXT;

```