



# Avalara AvaTax for Microsoft Dynamics NAV 2013 R2

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## Specific Code Change Document

Version 01

Revision date: 11/30/16

Product release: Microsoft NAV 7.10.35473.12.02

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## Release: Microsoft NAV 7.10.35473.12.01

### 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 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 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 field Caption:

Enabled	Field No.	Field Name	Caption	Data Type	Length	Description
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 field Caption:

Enabled	Field No.	Field Name	Caption	Data Type	Length	Description
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

```

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;

```

```

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;

```

## Release: Microsoft NAV 7.10.35473.12.02

### Details

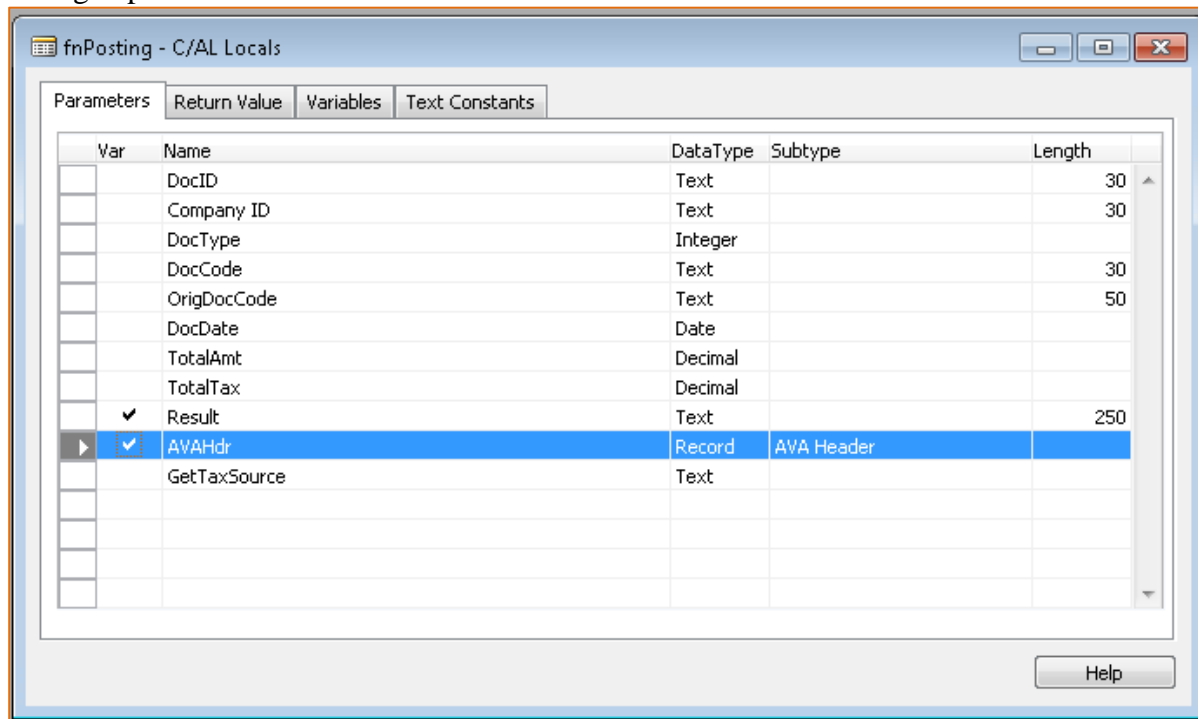
Fixed the issue related to deletion of all records from Ava header after posting single transaction.  
 Note: Developer needs to import 12.01 before importing 12.02 objects or below changes can be manually applied on 12.00 object from design mode.

### Changes in Avalara codeunit

#### OBJECT Codeunit 14073301 AVA Tax Engine

Changes in parameter function fnPosting:

Changed parameter for AVAHdr



Changes in function → fnCommitting

Changes highlighted in green color

```

fnCommitting(DocId : Text[30];"Company ID" : Text[30];DocType : Integer;Doc
fnCommitTax(DocId,"Company ID",DocType,DocCode,iResult,oMessages,GetTaxSou

//AVANA7.08.12.02 start
//IF iResult = 0 THEN BEGIN
// IF AvaHead.FINDFIRST THEN
//   fnObjToHistTbl(AvaHead,DocCode);
//END;
//AVANA7.08.12.02 end
AvaHead.RESET;

AvaValidCall.fnConnectorTraceLog(0,2,DocCode,Text15073212,GetTaxSource,0,6.

fnCanceling(DocId : Text[30];"Company ID" : Text[30];DocType : Integer;Can
fnCancelTax(DocId,"Company ID",DocType,DocCode,CancelType,iResult,oMessages
  
```