This post deals with Creating Purchase Order Credit Note through code. We can easily find code on google to Create Credit note for the Sales Order, but will not find anything for purchade order Credit note . Below is code snippet for it  which I have developed refrencing the flow for sales order and updating accordingly.

**public** **void** GenerateCreditNote(ItemId \_itemid,**real** qty)

{

PurchId objpurchid;

PurchCopyingPurchTableContract contract;

VendInvoiceTrans VendInvoiceTrans,VendInvoiceTrans\_count;

PurchCopying PurchCopying;

TmpFrmVirtual tmpFrmVirtualHeader;

TmpFrmVirtual tmpFrmVirtualLines;

PurchFormLetter SPacking,SInvoice;

PurchTable objPurchTable\_Update;

PurchLine objPurchLine\_Update;

InvoiceId strCNInvoiceId;

VendInvoiceJour objVendInvoiceJour\_CN;

ItemGroupId strItemGroupPackage;

List tmpFrmVirtualLinesList = **new** List(Types::Record);

List tmpFrmVirtualHeaderList = **new** List(Types::Record);

DimensionAttributeValueCombination objDimensionAttributeValueCombination\_1;

Qty qtyFactor = **1**;

NoYes reverseSign = NoYes::Yes;

NoYes recalculateAmount = NoYes::No;

NoYes copyMarkup = NoYes::No;

NoYes copyPrecisely = NoYes::No;

NoYes deleteLines = NoYes::No;

**int64** intMainAccountRecid;

*// ttsBegin;*

PurchCopying = PurchCopying::construct(SalesPurchCopy::CreditNoteLines);

strCNInvoiceId="";

strItemGroupPackage="";

intMainAccountRecid=**0**;

objpurchid=\_Purchtable.PurchId;

*/// Generate Credit note*

**select** \* **from** VendInvoiceTrans **order** **by** recid **desc** **where** VendInvoiceTrans.PurchID==objpurchid && VendInvoiceTrans.ItemId==\_itemid;

tmpFrmVirtualLines.**TableNum** = VendInvoiceTrans.TableId;

tmpFrmVirtualLines.RecordNo = VendInvoiceTrans.RecId;

tmpFrmVirtualLines.Id = VendInvoiceTrans.PurchID;

tmpFrmVirtualLines.LineNum = VendInvoiceTrans.LineNum;

tmpFrmVirtualLines.TransDate = VendInvoiceTrans.InvoiceDate;

tmpFrmVirtualLines.Qty=qty;

tmpFrmVirtualLines.write();

tmpFrmVirtualLinesList.addEnd(tmpFrmVirtualLines);

contract = PurchCopyingPurchTableContract::construct();

contract.parmCallingTable(purchTable::find(VendInvoiceTrans.PurchID, **true**));

contract.parmPackedTmpFrmVirtualLines(tmpFrmVirtualLinesList.pack());

contract.parmQtyFactor(qtyFactor);

contract.parmReverseSign(reverseSign);

contract.parmRecalculateAmount(recalculateAmount);

contract.parmCopyMarkup(copyMarkup);

contract.parmCopyPrecisely(copyPrecisely);

contract.parmDeleteLines(deleteLines);

purchCopying.initParameters(contract);

PurchCopying.copy();

**select** **count**(recid) **from** VendInvoiceTrans\_count **group** **by** PurchId **where** VendInvoiceTrans\_count.PurchID==\_PurchTable.PurchId;

*//confirm Purchase order*

SInvoice = PurchFormLetter::construct(DocumentStatus::PurchaseOrder);

*//SInvoice.update(purchTable, objdev\_PurchaseOrderImport\_1.TallyBillNo,objdev\_PurchaseOrderImport\_1.TallyInvoiceDate);*

SInvoice.update(Purchtable::find(objpurchid),objpurchid,VendInvoiceTrans.InvoiceDate,PurchUpdate::All,AccountOrder::None,**false**,**false**);

SInvoice=PurchFormLetter::construct(DocumentStatus::Invoice);

SInvoice.update(Purchtable::find(objpurchid),objpurchid+"\_"+**int642str**(VendInvoiceTrans\_count.RecId),VendInvoiceTrans.InvoiceDate,PurchUpdate::All,AccountOrder::None,**false**,**false**);

*//element.UpdatePOInPendingInvoice(\_Purchtable.PurchId,VendInvoiceTrans.InvoiceDate);*

}