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## XmlDocument

vDotNetXmlDoc: DotNet XmlDocument;	vXmlDocument: XmlDocument;
vDotNetXmlDoc.XmlDocument()	XmlDocument.Create()
vDotNetXmlDoc.LoadXml( <i>Text</i> );	XmlDocument.ReadFrom( <i>Text</i> , vXmlDocument)
vDotNetXmlDoc.Save( <i>FileName</i> )	XmlDocument.WriteTo( <i>FileName</i> )
ResponseXMLDocElement := vDotNetXmlDoc.DocumentElement();	vXmlDocument.GetRoot(ResponseXMLDocElement);
vDotNetXmlDoc.Load( <i>pFileName</i> );	XmlDocument.ReadFrom( <i>pFileName</i> , vXmlDocument);

<code>vDotNetXmlDoc.AppendChild(XmlElement);</code>	<code>vXmlDocument.Add(XmlElement);</code>
<code>vDotNetXmlDoc.CreateXmlDeclaration('1.0', 'UTF-8', "");</code>	<code>XmlDeclaration.Create('1.0', 'UTF-8', "");</code>
<code>vDotNetXmlDoc.InsertBefore(XmlDeclaration, XmlDocument.DocumentElement);</code>	<code>vXmlDocument.AddBeforeSelf(XmlDeclaration, XmlDocument.GetRoot(XmlElement));</code>
<code>vDotNetXmlDoc.DocumentElement();</code>	<code>vXmlDocument.GetRoot(XmlElement);</code>
<code>vDotNetXmlDoc.CreateElement(pPrefix, pName, pNamespace);</code>	<code>XMLDocument.Create(pPrefix, pName, pNamespace).AsXmlNode();</code>
<p>ProcessingInstruction: DotNet XmlProcessingInstruction;</p> <p><code>vDotNetXmlDoc := XmlDocument.XmlDocument();</code></p> <p><code>ProcessingInstruction := XmlDoc.CreateProcessingInstruction('xml', 'version="1.0" encoding="UTF-8" standalone="yes");</code></p> <p><code>CurrNode := vDotNetXmlDoc.AppendChild(ProcessingInstruction);</code></p> <p><code>CurrNode := vDotNetXmlDoc.CreateElement('soapenv:Envelope');</code>  <code>CurrNode := vDotNetXmlDoc.AppendChild(CurrNode);</code></p>	<p>ProcessingInstruction: XmlProcessingInstruction;</p> <p><code>vXmlDocument := XmlDocument.Create();</code></p> <p><code>ProcessingInstruction := XmlProcessingInstruction.Create('xml', 'version="1.0" encoding="UTF-8" standalone="yes");</code></p> <p><code>CurrNode := ProcessingInstruction.AsXmlNode();</code></p> <p><code>vXmlDocument.Add(CurrNode);</code></p> <p><code>Element := XmlElement.Create('soapenv:Envelope');</code></p> <p><code>CurrNode := Element.AsXmlNode();</code>  <code>vXmlDocument.Add(CurrNode);</code></p>
<code>vXMLNodelist := vDotNetXmlDoc.GetElementsByTagName('DataItem');</code>	<code>vXMLNodelist := vXmlDocument.GetDescendantElements('DataItem');</code>
<p>XMLDOMMgt: Codeunit "XML DOM Management";</p> <p><code>XMLDOMMgt.AddDeclaration(XmlDoc, '1.0', 'utf-8', 'yes');</code></p>	<p><code>XmlDoc: XmlDocument;</code></p> <p><code>XmlDoc.SetDeclaration(XmlDeclaration.Create('1.0', 'utf-8', 'yes');</code></p>

## XmlElement

vDotNetXmlElem: DotNet XmlElement;	vXmlElement: XmlElement;
vDotNetXmlElem.GetElementsByTagName("Tag");	vXmlElement.GetDescendantElements("Tag");
vDotNetXmlElem.Prefix := vText;	vXmlElement.SetAttribute('Prefix', vText);
vDotNetXmlElem.InnerXml := vValue;	vXmlElement.SetAttribute('InnerXml', pText);
vParentNode.AppendChild(vDotNetXmlElem);	vParentNode.AddAfterSelf(vXmlElement);
vDotNetXmlElem.GetElementsByTagName('return_value');	vXmlElement.GetDescendantElements('return_value');

## XmlNodeList

vDotNetXmlNodeList: DotNet XmlNodeList;	vXmlNodeList: XmlNodeList;
Text := vDotNetXmlNodeList.Item(0).InnerXml();	vXmlNodeList.Get(0, vXmlNode); Text := vXmlNode.AsXmlElement().InnerXml();
vDotNetXmlNode := vDotNetXmlNodeList.Item(i);	vXmlNodeList.Get(i, vXmlNode);
Text := vDotNetXmlNodeList.Item(0).InnerXml();	vXmlNodeList.Get(0, vXmlNode); Text := vXmlNode.AsXmlElement().InnerXml();

```
Integer := vDotNetXmlNodeList.Item(0).ChildNodes.Count;
```

```
vXmlNodeList.Get(0, vXMLNode);  
Integer := vXMLNode.AsXmlElement().GetChildNodes().Count;
```

## XmlNode

vDotNetXmlNode: DotNet XmlNode;	vXmlNode: XmlNode;
vDotNetXmlNode.InnerText;	vXmlNode.AsXmlElement().InnerText();
vDotNetXmlNode.Name;	vXmlNode.AsXmlElement().Name;
IsNull(vDotNetXmlNode);	vXmlNode.AsXmlElement().GetChildElements().Count = 0; or vXmlNode.AsXmlElement().IsEmpty;
vDotNetXmlNode.OuterXml;	vXmlNode.AsXmlElement().InnerText();
text := DelChr(vDotNetXmlNode.Attributes().GetNamedItem('category').Value, '<>', ' ');	vXmlAttribute: XmlAttribute;  vXmlNode.AsXmlElement().Attributes().Get('category', vXmlAttribute); text := DelChr(vXmlAttribute.Name, '<>', ' ');
vDotNetXmlNode.ChildNodes.Count ;	vXmlNode.AsXmlElement().GetChildElements().Count;
Text := DelChr(vDotNetXmlNode.AsXmlDocument().GetChildElements().Item(i).Attributes().GetNamedItem('country').InnerText, '<>', ' ');	vXmlAttribute: XmlAttribute;  vXmlNode.AsXmlElement().GetChildElements().Get(i, vXmlNode2);  vXmlNode2.AsXmlElement().Attributes().Get('country', vXmlAttribute); Text := DelChr(vXmlAttribute.AsXmlNode().AsXmlElement().InnerText, '<>', ' ');

<code>vDotNetXmlNode := vDotNetXmlNode2.SelectSingleNode('details/further_information');</code>	<code>vXmlNode2.SelectSingleNode('details/further_information', pXmlNode);</code>
<code>Text := vDotNetXmlNode.SelectNodes('FROMJURI').Item(0).InnerText;</code>	<code>vXmlNode.SelectNodes('FROMJURI', vXmlNodeList); vXmlNodeList.Get(0, vXmlNode); Text := vXmlNode.AsXmlElement().InnerText();</code>
<code>Evaluate(_Integer, vDotNetXmlNode.SelectNodes('RECORDCOUNT').Item(0).InnerText);</code>	<code>vXmlNode.SelectNodes('RECORDCOUNT', vXmlNodeList); vXmlNodeList.Get(0, vXmlNode); Evaluate(_Integer, vXmlNode.AsXmlElement().InnerText);</code>
<code>CreateNode(vXMLDocument.DocumentElement, Text);</code>	<code>vXMLDocument.AsXmlNode().AsXmlDocument().GetRoot(vXmlElement); CreateNode(vXmlElement, Text);</code>
<code>foreach XMLNode in vDotNetXmlNode do begin</code>	<code>vXMLNodeList := vXMLNode.AsXmlElement().GetChildElements();  foreach XMLNode in vXMLNodeList do begin</code>
<code>vXMLElement := vDotNetXmlNodeList.Item(i);</code>	<code>vXMLNodeList .Get(i, vXmlNode); vXMLElement := vXmlNode.AsXmlElement();</code>
<code>vDotNetXMLNode := vDotNetXmlNodeList.Item(0);</code>	<code>vXmlNodeList.Get(0, vXmlNode);</code>
<code>vDotNetXMLNode.AsXmlElement().InnerText() := Text;</code>	<code>vXmlNode := XmlElement.Create(NodeName, Namespace, Text).AsXmlNode()</code>
<code>if IsNull(vXMLNode) then</code>	<code>if vXmlNode.AsXmlElement().IsEmpty then</code>
<code>vDotNetXMLNode := vDotNetXmlNodeList.Item(0).ChildNodes.Item(0);</code>	<code>vXMLNodeList.Get(0, vXmlNode);  vXMLNodeList:= vXmlNode.AsXmlElement().GetChildNodes(); vXMLNodeList.Get(0, vXmlNode);</code>
<code>Text := vDotNetXMLNode.Attributes.Item(1).InnerText;</code>	<code>vXmlNode.AsXmlElement().Attributes.Get(1, vXmlAttribute); Text := vXmlAttribute.AsXmlNode().AsXmlElement().InnerText;</code>
<code>vDotNetXMLNode.OwnerDocument</code>	<code>vXmlNode.GetDocument</code>

vDotNetXMLNode := XmlNode.FirstChild;	vXMLNodeList := XMLNode.AsXmlElement().GetChildElements(); vXMLNodeList.Get(0, XMLChildNode);
XMLNode.Attributes.SetNamedItem(XMLNewAttributeNode);	astAttributeIndex := XMLNode.AsXmlElement().Attributes.Count();  XMLNode.AsXmlElement().Attributes.Get(LastAttributeIndex - 1, LocalXmlAttribute); LocalXmlAttribute.AddAfterSelf(XMLNewAttributeNode);
XMLNewAttributeNode := vDotNetXMLNode.OwnerDocument.CreateAttribute(Name);	XMLNode.GetDocument(localXmlDocument); XMLNewAttributeNode := XmlAttribute.Create(Name, Name).AsXmlNode();
vDotNetXMLNode.Prefix;	XMLNode.AsXmlAttribute().NamespacePrefix;
vDotNetXMLNode.Name;	XMLNode.AsXmlAttribute().Name;
vDotNetXMLNode.NamespaceURI;	XMLRootNode.AsXmlElement().NamespaceUri;

```
vDotNetSiblingXmlNode := vDotNetXmlNode.NextSibling;
```

```
local procedure NextSibling(CurrNode: XmlNode): XmlNode
var
  ParentEl: XmlElement;
  vXmlNodeList: XmlNodeList;
  vXmlAttributeParameter: XmlAttribute;
  NodeCount: Integer;
  i: Integer;
  XmlNodeLocal: XmlNode;
  vXmlAttributeLocal: XmlAttribute;
  NextNode: XmlNode;
begin
  CurrNode.GetParent(ParentEl);
  vXmlNodeList := ParentEl.GetChildNodes();
  vXmlAttributeParameter := CurrNode.AsXmlAttribute();
  NodeCount := vXmlNodeList.Count();
  for i := 0 to NodeCount - 1 do begin
    vXmlNodeList.Get(i, XmlNodeLocal);
    vXmlAttributeLocal := XmlNodeLocal.AsXmlAttribute();
    if (vXmlAttributeLocal.Value = vXmlAttributeParameter.Value) then begin
      i := i + 1;
      break;
    end;
  end;

  vXmlNodeList.Get(i, NextNode);
  exit(NextNode);

end;
```

```
vDotNetXmlChildNode :=
vDotNetXmlDoc.RemoveChild(vDotNetXmlChildNode);
```

```
ChildNodes: XmlNodeList;
Xml_Element: XmlElement;
Xml_Attribute: XmlAttribute;
XmlAttributeParameter: XmlAttribute;
NodeCount: Integer;
i: Integer;
Xml_Node: XmlNode;

ChildNodes := Xml_Element.GetChildNodes();
XmlAttributeParameter := XMLChildNode.AsXmlAttribute();
```

	<pre> NodeCount := ChildNodes.Count(); for i := 0 to NodeCount - 1 do begin   ChildNodes.Get(i, Xml_Node);   Xml_Attribute := Xml_Node.AsXmlAttribute();   if (Xml_Attribute.Value = XmlAttributeParameter.Value) then begin     Xml_Node.Remove();     break;   end; end; end; </pre>
<pre> FieldNode.ParentNode.InsertAfter(NewDoc, FieldNode.NextSibling); </pre>	<pre> FieldNode.GetParent(ParentEl); NextXmlNode := NextSibling(FieldNode); NextXmlNode.AddAfterSelf(NewDoc); </pre>

## Streams

<pre> vDotNetXMLDocument: DotNet XmlDocument; vDotNetXMLDocument.Save(FullFilePath); </pre>	<pre> IStream: InStream;  OStream: OutStream;  TempBlob: Codeunit "Temp Blob";  vXMLDocument: XmlDocument; <b>ReadText</b>  TempBlob.CreateOutStream(OStream);  vXMLDocument.WriteTo(OStream); TempBlob.CreateInStream(IStream); </pre>
<pre> Download(FullFilePath, 'Export', ", FilterString, ToFile); </pre>	<pre> DownloadFromStream(IStream, 'Export', ", FilterString, ToFile) </pre>



## XmlNamespaceManager

XmlNamespaceMng: DotNet XmlNamespaceManager;

```
XmlNamespaceMng := XmlNamespaceMng.XmlNamespaceManager(XmlDoc.NameTable);
XmlNamespaceMng.AddNamespace('SOAP-ENV',
'http://schemas.xmlsoap.org/soap/envelope/');
```

XmlNamespaceMng: XmlNamespaceManager;

```
XmlNamespaceMng.NameTable(XmlDoc.NameTable);
XmlNamespaceMng.AddNamespace('SOAP-ENV',
'http://schemas.xmlsoap.org/soap/envelope/');
```

## Encoding/Convert

SystemUTF8Encoder: DotNet UTF8Encoding;

```
SystemUTF8Encoder := SystemUTF8Encoder.UTF8Encoding;
SystemByteArray := SystemUTF8Encoder.GetBytes(s);
```

Encoding: DotNet Encoding;  
 MessageBytes: DotNet Array;

```
MessageBytes := Encoding.UTF8.GetBytes(TxtToHash);
```

SystemByteArray: Text;

Base64Convert: Codeunit "Base64 Convert";

```
SystemByteArray := Base64Convert.FromBase64(s);
```

MessageBytes: List of [Text];  
 Convert: Codeunit "Base64 Convert";

```
MessageBytes.Add(Convert.ToBase64(TxtToHash));
```

# Http

<pre> HttpWebRequest: DotNet HttpWebRequest; HttpWebResponse: DotNet WebResponse; StreamReader: DotNet StreamReader; RequestStream: DotNet Stream;  HttpWebRequest := HttpWebRequest.Create(Url); HttpWebRequest.Method := 'POST'; HttpWebRequest.Timeout := 30000; HttpWebRequest.ContentType := 'application/soap+xml;charset=UTF-8'; XmlDoc.WriteTo(XmlDocText); ByteArray := Encoding.UTF8.GetBytes(XmlDocText); HttpWebRequest.ContentLength := ByteArray.Length; RequestStream := HttpWebRequest.GetRequestStream; RequestStream.Write(ByteArray, 0, ByteArray.Length); RequestStream.Close; HttpWebResponse := HttpWebRequest.GetResponse; StreamReader := StreamReader.StreamReader(HttpWebResponse.GetResponseStream); ResponseText := StreamReader.ReadToEnd; </pre>	<pre> ByteArray: Text; HttpWebRequest: HttpRequestMessage; RequestText: Text; HttpWebResponse: HttpResponseMessage; WebContent: HttpContent; WebHeader: HttpHeaders; WebClient: HttpClient; Convert: Codeunit "Base64 Convert";  XmlDoc.WriteTo(XmlDocText); WebContent.WriteFrom(Convert.ToBase64(XmlDocText)); WebContent.GetHeaders(WebHeader); WebHeader.Clear(); WebHeader.Add('SOAPAction', 'urn:microsoft-dynamics- schemas/codeunit/PortalService:GetUpdatePortalMessagesWS'); HttpWebRequest.Content(WebContent); HttpWebRequest.SetRequestUri(Url); HttpWebRequest.Method := 'POST'; WebClient.Clear(); WebClient.Send(HttpWebRequest, HttpWebResponse); WebClient.Timeout(30000); HttpWebResponse.Content.ReadAs(ResponseText); </pre>
<pre> HttpWebRequest := HttpWebRequest.Create(ServiceUrl); HttpWebRequest.Method := 'POST'; HttpWebRequest.KeepAlive := true; HttpWebRequest.AllowAutoRedirect := true; HttpWebRequest.Headers.Add('SOAPAction', SoapAction); HttpWebRequest.ContentType := 'text/xml;charset=utf-8'; HttpWebRequest.Accept := 'text/xml'; HttpWebRequest.Timeout := 600000; HttpWebRequest.AutomaticDecompression := DecompressionMethods.GZip; </pre>	<pre> HttpWebRequest.SetRequestUri(ServiceUrl); HttpWebRequest.Method('POST'); HttpWebRequest.GetHeaders(Headers); Headers.Add('KeepAlive', 'true'); Headers.Add('AllowAutoRedirect', 'true'); Headers.Add('ContentType', 'text/xml;charset=utf-8'); Headers.Add('Accept', 'text/xml'); Headers.Add('Timeout', '600000'); Headers.Add('AutomaticDecompression', 'GZip'); Headers.Add('SOAPAction', SoapAction); </pre>
<pre> if not WebRequestHelper.GetWebResponse(HttpWebRequest, HttpWebResponse, ResponseInStream, HttpStatusCode, ResponseHeaders, false) then </pre>	<pre> if not Http.Send(HttpWebRequest, HttpWebResponse) then </pre>
<pre> HttpWebResponse.GetResponseStream.CopyTo(ResponseInStream); IStream.ReadText(ResponseText); </pre>	<pre> HttpWebResponse.Content.ReadAs(ResponseText); </pre>

DotNet_HttpRequest.Credentials := DotNet_CredentialCache;	HttpRequest.GetHeaders(Headers); Headers.Add('Credentials', DotNet_CredentialCache.ToString());
DotNet_HttpRequest.Headers.Add('SOAPAction', SoapAction);	HttpRequest.GetHeaders(Headers); Headers.Add('SOAPAction', SoapAction);
HttpResponse := HttpRequest.GetResponse;	Http.Send(HttpRequest, HttpResponse); HttpResponse.Content.ReadAs(Vehicles);
HttpRequest := HttpRequest.Create(StrSubstNo(Url, Action));	HttpRequest.SetRequestUri(StrSubstNo(Url, Action));

## Reimplement codeunit 6224 "XML DOM Management" procedures

XMLElementArray: array[100] of DotNet XmlNode; XMLDOMManagement.SaveXMLDocumentToOutputStream(FileOutputStream, XMLElementArray[1]);	XMLElementArray: array[100] of XmlNode;  XMLElementArray[1].GetDocument(XmlDoc); XmlDoc.WriteTo(FileOutputStream);
vDotNetXmlDocument: DotNet XmlDocument;  XmlStream: InStream; XMLDOMManagement.LoadXMLDocumentFromInStream(XmlStream, vDotNetXmlDocument);	vXmlDocument: XmlDocument;  XmlStream: InStream;  XmlDocument.ReadFrom(XmlStream, vXmlDocument); vXmlDocument.GetRoot(vXmlElement);
XMLDOMManagement.FindNodeXML(vDotNetXmlDocument, 'type');	local procedure FindNodeXML(vXMLElement: XmlElement; NodePath: Text): Text  var  vXMLNode: XmlNode;  begin  if vXMLElement.SelectSingleNode(NodePath, vXMLNode) then  exit(vXMLNode.AsXmlElement().InnerXml)

	<pre>else exit(""); end;</pre>
<pre>XMLDOMManagement.AddDeclaration(vDotNetXMLDocument, '1.0', 'UTF-8', "");</pre>	<pre>Declaration: XmlDeclaration;  Declaration := XmlDeclaration.Create('1.0', 'UTF-8', ''); vXMLDocument.AddFirst(Declaration);</pre>

## Record TempBlob to codeunit "Temp Blob"

<pre>TempBlobRecord.Init();  TempBlobRecord.Blob := VATReportArchive."Message BLOB";</pre>	<pre>Clear(TempBlobCodeunit);  TempBlobCodeunit.FromRecord(VATReportArchive, VATReportArchive.FieldNo("Message BLOB"));</pre>
<pre>TempBlobRecord.CalcFields(Blob);  VATReportArchive."Message BLOB" := TempBlobRecord.Blob;</pre>	<pre>var   RecRef: RecordRef;  RecRef.GetTable(VATReportArchive);  TempBlobCodeunit.ToRecordRef(RecRef, VATReportArchive.FieldNo("Message BLOB"));  RecRef.SetTable(VATReportArchive);</pre>

<pre>ContentTxt := TempBlobRecord.ReadAsText("", TextEncoding::UTF8);</pre>	<pre>var   IStream: InStream;  TempBlobCodeunit.CreateInStream(IStream, TextEncoding::UTF8); IStream.ReadText(ContentTxt);</pre>
<pre>TempBlobRecord.WriteAsText(ContentTxt, TextEncoding::UTF8);</pre>	<pre>var   OStream: OutStream;  TempBlobCodeunit.CreateOutStream(OStream, TextEncoding::UTF8); OStream.WriteText(ContentTxt);</pre>
<pre>TempBlobRecord2.CalcFields(Blob); TempBlobRecord1.Blob := TempBlobRecord2.Blob;</pre>	<pre>var   OStream: OutStream;   IStream: InStream;  TempBlobCodeunit1.CreateOutStream(OStream); TempBlobCodeunit2.CreateInStream(IStream);  CopyStream(OStream, IStream);</pre>
<pre>In Reports:  TempBlobRecord.Blob := StatReportSetup."Tick Box Filled"; column(Blob; TempBlobRecord.Blob) {  }</pre>	<pre>var   TenantMediaTemp: Record "Tenant Media" temporary;  TenantMediaTemp.Content:= StatReportSetup."Tick Box Filled"; column(Blob; TenantMediaTemp.Content) {  }</pre>

<pre>TempBlobRecord.Init();  TempBlobRecord.FromBase64String(base64encodeString);</pre>	<pre>var   Base64Convert: Codeunit "Base64 Convert";   OStream: OutStream;  TempBlobCodeunit.CreateOutStream(OStream);  OStream.WriteText(Base64Convert.FromBase64(base64encodeString));</pre>
<pre>TempBlobRecord.Init();  TempBlobRecord.Blob := "Portal Files"."The File";  TempBlobRecord.CalcFields(Blob);  base64encodeString := TempBlobRecord.ToBase64String();</pre>	<pre>var   Base64Convert: Codeunit "Base64 Convert";   IStream: InStream;  TempBlobCodeunit.FromRecord("Portal Files", "Portal Files".FieldNo("The File"));  TempBlobCodeunit.CreateInStream(IStream);  IStream.ReadText(SimpleText);  base64encodeString := Base64Convert.ToBase64(SimpleText);</pre>

## Other breaking changes

### Object

Table 37  
"Sales Line"

Table 77

"Report  
Selections"

Table 77

"Report  
Selections"

### Obsolete procedure

CrossReferenceNoLookupUp

FindPrintUsage

FindPrintUsageVendor

### Workaround

```
ItemReferenceMgt.SalesReferenceNoLookup (Rec
);
```

FindReportUsageForCust

FindReportUsageForVend

Table 77  
 "Report  
 Selections  
 " FindEmailAttachmentUsage FindEmailAttachmentUsageForCust

Table 77  
 "Report  
 Selections  
 " FindEmailAttachmentUsageVendor FindEmailAttachmentUsageForVend

Table 77  
 "Report  
 Selections  
 " FilterEmailUsage SetEmailUsageFilters

Table 77  
 "Report  
 Selections  
 " FilterEmailBodyUsage SetEmailBodyUsageFilters

Table 77  
 "Report  
 Selections  
 " FilterEmailAttachmentUsage SetEmailAttachmentUsageFilters

Table 77  
 "Report  
 Selections  
 " FindEmailBodyUsage FindEmailBodyUsageForCust

Table 77  
 "Report  
 Selections  
 " FindEmailBodyUsageVendor FindEmailBodyUsageForVend

Table 77

```
"Report
Selections  PrintWithCheck                PrintWithCheckForCust
"
```

Table 77

```
"Report
Selections  PrintWithGUIYesNoWithCheck          PrintWithDialogWithCheckForCust
"
```

Table 77

```
"Report      PrintWithGUIYesNoWithCheckVend
Selections or                PrintWithDialogWithCheckForVend
"
```

Table 77

```
"Report
Selections  PrintWithGUIYesNo                PrintWithDialogForCust
"
```

Table 77

```
"Report
Selections  PrintWithGUIYesNoVendor          PrintWithDialogForVend
"
```

Table 77

```
"Report
Selections  GetHtmlReport                    GetHtmlReportForCust
"
```

Table 77

```
"Report
Selections  GetPdfReport                      GetPdfReportForCust
"
```



Table 77 "Report Selections "	GetEmailBody	GetEmailBodyForCust
Table 77 "Report Selections "	GetEmailBodyCustomText	GetEmailBodyTextForCust
Table 77 "Report Selections "	GetEmailBodyVendor	GetEmailBodyForVend
Table 870 "Social Listening Setup"		Discontinued
Table 871 "Social Listening Search Topic"		Discontinued
Table 5717 "Item Cross Reference"		Use table "Item Reference"
Table 9650 "Custom		Discontinued

Report Layout” Page 870 “Social Listening Setup” Page 871 “Social Listening Search Topic” Page 875 “Social Listening FactBox” Page 876 “Social Listening Setup FactBox” Page 5721 “Item Cross Reference Entries” Page 9080 “Sales Hist.	SetCustomerNoVisibility	Discontinued  Discontinued  Discontinued  Discontinued  Use Page “Item Reference Entries”  Discontinued, but can be copied to page extension or reimplement to set visibility
--	-------------------------	--

Sell-to FactBox" Page 9081 "Sales Hist.           SetCustomerNoVisibility Bill-to FactBox" Page 9082 "Customer Statistics       SetCustomerNoVisibility FactBox" Page 9084 "Customer Details           SetCustomerNoVisibility FactBox" Codeunit 871 "Social Listening Management " Codeunit 6620 "Copy Document Mgt."           CopyPurchLine Codeunit 6620           CopySalesLine		Discontinued, but can be copied to page extension or reimplement to set visibility	Discontinued, but can be copied to page extension or reimplement to set visibility	Discontinued, but can be copied to page extension or reimplement to set visibility	Discontinued	CopyPurchDocLine	CopySalesDocLine
---	--	---	---	---	--------------	------------------	------------------

"Copy  
Document  
Mgt."

Codeunit  
6620

"Copy PurchHeaderDocType

GetPurchaseDocumentType

Document  
Mgt."

Codeunit  
6620

"Copy ArchPurchHeaderDocType

GetPurchaseDocumentType

Document  
Mgt."

Codeunit  
6620

"Copy SalesHeaderDocType

GetSalesDocumentType

Document  
Mgt."

Codeunit  
6620

"Copy ArchSalesHeaderDocType

GetSalesDocumentType

Document  
Mgt."

## Codeunit 1

<b>Codeunit 1 trigger</b>	<b>New codeunit ID</b>	<b>New codeunit name</b>	<b>New method</b>
CompanyClose	40	LogInManagement	CompanyClose
CompanyOpen	40	LogInManagement	CompanyOpen
GetSystemIndicator	40	LogInManagement	GetSystemIndicator
OnAfterCompanyClose	40	LogInManagement	OnAfterCompanyClose
OnAfterCompanyOpen	40	LogInManagement	OnAfterCompanyOpen
OnBeforeCompanyClose	40	LogInManagement	OnBeforeCompanyClose
OnBeforeCompanyOpen	40	LogInManagement	OnBeforeCompanyOpen
FindPrinter	44	ReportManagement	GetPrinterName
ApplicationVersion	9015	Application System Constants	ApplicationVersion
CustomApplicationVersion	N/A	N/A	
ReleaseVersion	9015	Application System Constants	ReleaseVersion
ApplicationBuild	9015	Application System Constants	ApplicationBuild
CustomApplicationBuild	N/A	N/A	
ApplicationLanguage	43	LanguageManagement	ApplicationLanguage
DefaultRoleCenter	9170	Conf./Personalization Mgt.	DefaultRoleCenterID
MakeDateTimeText	41	TextManagement	MakeDateTimeText
GetSeparateDateTime	41	TextManagement	GetSeparateDateTime
MakeDateText	41	TextManagement	MakeDateText
MakeTimeText	41	TextManagement	MakeTimeText

<b>Codeunit 1 trigger</b>	<b>New codeunit ID</b>	<b>New codeunit name</b>	<b>New method</b>
MakeText	41	TextManagement	MakeText
MakeDateTimeFilter	41	TextManagement	MakeDateTimeFilter
MakeDateFilter	41	TextManagement	MakeDateFilter
MakeTextFilter	41	TextManagement	MakeTextFilter
MakeCodeFilter	41	TextManagement	MakeTextFilter
MakeTimeFilter	41	TextManagement	MakeTimeFilter
AutoFormatTranslate	45	AutoFormatManagement	AutoFormatTranslate
ReadRounding	45	AutoFormatManagement	ReadRounding
CaptionClassTranslate	42	CaptionManagement	CaptionClassTranslate
GetCueStyle	9701	Cue Setup	GetCueStyle
SetGlobalLanguage	43	LanguageManagement	SetGlobalLanguage
ValidateApplicationLanguage	43	LanguageManagement	ValidateApplicationLanguage
LookupApplicationLanguage	43	LanguageManagement	LookupApplicationLanguage
GetGlobalTableTriggerMask	49	GetGlobalTableTriggerMask	
OnGlobalInsert	49	GlobalTriggerManagement	OnGlobalInsert
OnGlobalModify	49	GlobalTriggerManagement	OnGlobalModify
OnGlobalDelete	49	GlobalTriggerManagement	OnGlobalDelete
OnGlobalRename	49	GlobalTriggerManagement	OnGlobalRename
GetDatabaseTableTriggerSetup	49	GlobalTriggerManagement	GetDatabaseTableTriggerSetup

<b>Codeunit 1 trigger</b>	<b>New codeunit ID</b>	<b>New codeunit name</b>	<b>New method</b>
OnDatabaseInsert	49	GlobalTriggerManagement	OnDatabaseInsert
OnDatabaseModify	49	GlobalTriggerManagement	OnDatabaseModify
OnDatabaseDelete	49	GlobalTriggerManagement	OnDatabaseDelete
OnDatabaseRename	49	GlobalTriggerManagement	OnDatabaseRename
OnDebuggerBreak	N/A	N/A	
LaunchDebugger	N/A	N/A	
OpenSettings	9170	Conf./Personalization Mgt.	OpenSettings
OpenContactMSSales	50	SaaS Log In Management	OpenContactMSSales
InvokeExtensionInstallation	2501	ExtensionMarketplaceMgmt	InvokeExtensionInstallation
CustomizeChart	9180	Generic Chart Mgt	CustomizeChart
HasCustomLayout	44	ReportManagement	HasCustomLayout
MergeDocument	44	ReportManagement	MergeDocument
ReportGetCustomRdlc	44	ReportManagement	ReportGetCustomRdlc
ReportScheduler	44	ReportManagement	ScheduleReport
OnBeforeOpenSettings	9170	Conf./Personalization Mgt.	OnBeforeOpenSettings
OnAfterGetApplicationVersion	9015	Application System Constants	OnAfterGetApplicationVersion
OnRoleCenterOpen	9170	Conf./Personalization Mgt.	OnRoleCenterOpen
OnAfterGetSystemIndicator	79	OnAfterGetSystemIndicator	
OnAfterFindPrinter	44	ReportManagement	OnAfterGetPrinterName

<b>Codeunit 1 trigger</b>	<b>New codeunit ID</b>	<b>New codeunit name</b>	<b>New method</b>
OnAfterGetDefaultRoleCenter	9170	Conf./Personalization Mgt.	OnAfterGetDefaultRoleCenter
OnAfterMakeDateText	N/A	N/A	
OnAfterMakeTimeText	N/A	N/A	
OnAfterMakeText	N/A	N/A	
OnAfterMakeDateTimeFilter	41	LanguageManagement	OnAfterMakeDateTimeFilter
OnAfterMakeDateFilter	41	LanguageManagement	OnAfterMakeDateFilter
OnAfterMakeTextFilter	41	LanguageManagement	OnAfterMakeTextFilter
OnAfterMakeCodeFilter	N/A	N/A	
OnAfterMakeTimeFilter	41	LanguageManagement	OnAfterMakeTimeFilter
OnAfterAutoFormatTranslate	45	AutoFormatManagement	OnAfterAutoFormatTranslate
OnAfterCaptionClassTranslate	42	CaptionManagement	OnAfterCaptionClassTranslate
OnAfterGetGlobalTableTriggerMask	49	GlobalTriggerManagement	OnAfterGetGlobalTableTriggerMask
OnAfterOnGlobalInsert	49	GlobalTriggerManagement	OnAfterOnGlobalInsert
OnAfterOnGlobalModify	49	GlobalTriggerManagement	OnAfterOnGlobalModify
OnAfterOnGlobalDelete	49	GlobalTriggerManagement	OnAfterOnGlobalDelete
OnAfterOnGlobalRename	49	GlobalTriggerManagement	OnAfterOnGlobalRename
OnAfterGetDatabaseTableTriggerSetup	49	GlobalTriggerManagement	OnAfterGetDatabaseTableTriggerSetup
OnAfterOnDatabaseInsert	49	GlobalTriggerManagement	OnAfterOnDatabaseInsert
OnAfterOnDatabaseModify	49	GlobalTriggerManagement	OnAfterOnDatabaseModify



<b>Codeunit 1 trigger</b>	<b>New codeunit ID</b>	<b>New codeunit name</b>	<b>New method</b>
OnAfterOnDatabaseDelete	49	GlobalTriggerManagement	OnAfterOnDatabaseDelete
OnAfterOnDatabaseRename	49	GlobalTriggerManagement	OnAfterOnDatabaseRename
OnAfterHasCustomLayout	44	ReportManagement	OnAfterHasCustomLayout
OnAfterReportGetCustomRdlc	9650	Edit MS Word Report Layout	OnAfterReportGetCustomRdlc
OnBeforeOnDatabaseInsert	49	GlobalTriggerManagement	OnBeforeOnDatabaseInsert
OnBeforeOnDatabaseModify	49	GlobalTriggerManagement	OnBeforeOnDatabaseModify
OnBeforeOnDatabaseDelete	49	GlobalTriggerManagement	OnBeforeOnDatabaseDelete
OnBeforeOnDatabaseRename	49	GlobalTriggerManagement	OnBeforeOnDatabaseRename
OnEditInExcel	6710	OnEditInExcel	
OnInstallAppPerDatabase	N/A	N/A	
OnInstallAppPerCompany	N/A	N/A	
OnCheckPreconditionsPerDatabase	9900	OnCheckPreconditionsPerDatabase	
OnCheckPreconditionsPerCompany	9900	RaiseOnCheckPreconditionsPerCompany	
OnUpgradePerDatabase	9900	OnUpgradePerDatabase	
OnUpgradePerCompany	9900	OnUpgradePerCompany	
OnValidateUpgradePerDatabase	9900	OnValidateUpgradePerDatabase	
OnValidateUpgradePerCompany	9900	OnValidateUpgradePerCompany	