



Ledger Entry Letter

User Guide

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Ledger Entry Letter

Add a new column to Customer Ledger Entries and Vendor Ledger Entries to easily identify the entries applied together.

The letters are in uppercase when the entries are fully applied, and in lowercase when they are only partially applied.

Note

You can easily extend this application to enable this feature on any other kind of ledger entries that support the concept of application.

Features and benefits using this extension

- Get instant view of ledgers applied together
- Get instant view of ledgers partially and fully applied

Supported editions:

This app supports both Essential and Premium editions of Microsoft Dynamics 365 Business Central.

Supported countries:

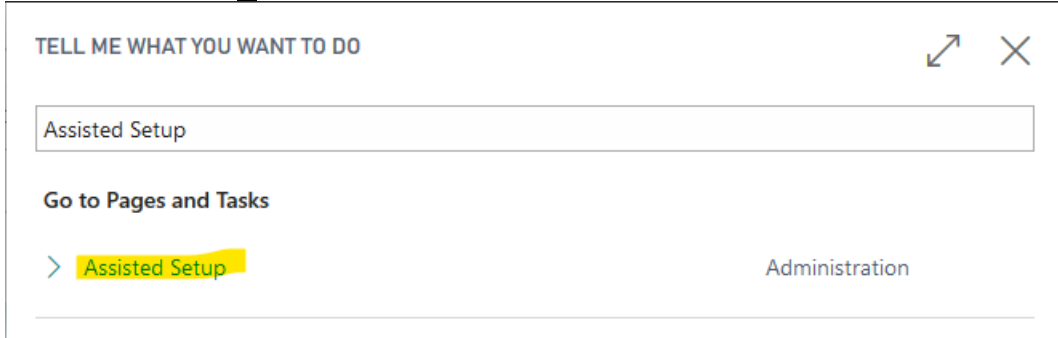
Denmark, France, Germany, United Kingdom, United States

User Guide

Set up extension

Before you start using the extension, you should set up on which type of ledger entries you want to use it. Please follow this steps to achieve the configuration:

1. Click on the **Assisted Setup** type.



2. Click on the **Setup Application Code**.

CRONUS FR | Finance | Cash Management | Sales | Purchasing | **Setup & Extensions** | Intelligent Cloud Insights

Assisted Setup | Manual Setup | Service Connections | Extensions | Workflows

Assisted Setup: All | Search | Open in Excel | More options

| NAME | STATUS |
|--|---------------|
| Setup Application Codes | Not Completed |
| Migrate business data | Not Completed |
| Set up cash flow forecast | Completed |
| Set up approval workflows | Not Completed |
| Set up a customer approval workflow | Not Completed |
| Set up email | Not Completed |
| Set up email logging | Not Completed |
| Set up your Business Inbox in Outlook | Not Completed |
| Set up reporting data | Not Completed |
| Set up an item approval workflow | Not Completed |
| Set up a payment approval workflow | Not Completed |
| Set up Dynamics 365 for Sales connection | Not Completed |
| Set up VAT | Not Completed |
| Invite External Accountant | Not Completed |
| Set up consolidation reporting | Not Completed |
| Set up Intelligent Cloud | Not Completed |

3. On the page that opens, click on the checkbox named **Enabled** regarding the ledger entry type where you want to activate the letters.

Search | Edit List | Initialize | Open in Excel | More options

EDIT - INITIALIZE APPLICATION CODES

| TABLE NAME | ENABLED | CODE LENGTH |
|---------------------|-------------------------------------|-------------|
| Cust. Ledger Entry | <input checked="" type="checkbox"/> | 5 |
| Vendor Ledger Entry | <input checked="" type="checkbox"/> | 5 |

Close

Warning

This operation might take a while depending the number of ledger entries you have.

Usage in Customer Ledger Entries

If you have enabled the letter in Customer Ledger Entries, you will have a supplemental field in the list named Application Code.

← TREY RESEARCH | WORK DATE: 4/8/2019 · 20000

Customer Ledger Entries

Search Edit List Process Line Entry Navigate Open in Excel More options

Apply Entries Unapply Entries... Reverse Transaction...

| POSTING DATE | DOCUME... TYPE | DOCUMENT NO. | CUSTOMER NO. ▼ | DESCRIPTION | CURRENCY CODE | ORIGINAL AMOUNT | APPLICA... CODE | DEBIT AMOUNT | DEBIT A |
|--------------|----------------|---------------|----------------|----------------|---------------|-----------------|-----------------|--------------|---------|
| 1/25/2019 | Invoice | 103206 | 20000 | Invoice 102213 | | 4,700.00 | aaabp | 4,700.00 | |
| 1/20/2019 | Invoice | 103205 | 20000 | Invoice 102212 | | 687.00 | | 687.00 | |
| 3/26/2019 | Invoice | 103195 | 20000 | Invoice 102195 | | 968.50 | | 968.50 | |
| 3/21/2019 | Payment | 103190 | 20000 | Invoice 102190 | | -3,088.40 | aaabp | - | |
| 3/21/2019 | Invoice | 103190 | 20000 | Invoice 102190 | | 3,088.40 | | 3,088.40 | |
| 3/16/2019 | Payment | 103185 | 20000 | Invoice 102185 | | -220.80 | AAABO | - | |
| 3/16/2019 | Invoice | 103185 | 20000 | Invoice 102185 | | 220.80 | AAABO | 220.80 | |
| 2/23/2019 | Invoice | 103181 | 20000 | Invoice 102181 | | 1,162.20 | | 1,162.20 | |

The Application Code is in uppercase if the set of entries are fully applied (not open) and in lowercase if they are partially applied.

You can use this field to filter the list and see which entry are applied together.

Usage in Vendor Ledger Entries

If you have enabled the letter in Vendor Ledger Entries, you will have a supplemental field in the list named Application Code.

The Application Code is in uppercase if the set of entries are fully applied (not open) and in lowercase if they are partially applied.

You can use this field to filter the list and see which entry are applied together.

Developers

As a developer you can provide the application code on more entries that support application.

For this, you can use the codeunit below after adding the field Application Code MYAPP to your ledger entry table.

```
codeunit 50000 "My Application"
{
    [EventSubscriber(ObjectType::Codeunit, Codeunit::"Application Management LTCAP", 'OnRegisterSupportedTable', '', true, false)]
    local procedure OnRegisterSupportedTable(var SupportedTable: Record "Application Table LTCAP")
    begin
        SupportedTable.Init();
        SupportedTable."Table ID" := Database::"My Ledger Entry";
        SupportedTable.Insert();
    end;

    [EventSubscriber(ObjectType::Codeunit, Codeunit::"Application Management LTCAP", 'OnInitialize', '', true, false)]
    local procedure OnInitialize(TableId: Integer; var Handled: Boolean)
    var
        MyLedgerEntry: Record "My Ledger Entry";
        ApplicationManagement: Codeunit "Application Management LTCAP";
    begin
        if Handled or (TableId <> Database::"My Ledger Entry") then
            exit;

        MyLedgerEntry.ModifyAll("Application Code MYAPP", "");

        if MyLedgerEntry.FindSet(true) then
            repeat
                if MyLedgerEntry."Application Code MYAPP" = "" then
                    ApplicationManagement.PostApply(TableId, <Your Master Data Code linked to this Entry (i.e. Customer No., Vendor No., ...)>, MyLedgerEntry."Entry No.");
                until MyLedgerEntry.Next() = 0;

        Handled := true;
    end;

    [EventSubscriber(ObjectType::Codeunit, Codeunit::"Application Management LTCAP", 'OnFindLastLetter', '', true, false)]
    local procedure OnFindLastLetter(TableId: Integer; Code: Code[20]; var Letter: Text; var Handled: Boolean)
    var
        MyLedgerEntry: Record "My Ledger Entry";
    begin
        if Handled or (TableId <> Database::"My Ledger Entry") then
            exit;

        Letter := "";

        //TODO: Replace Master Data No. by your Master Data Code linked to this Entry (i.e. Customer No., Vendor No., ...)
        MyLedgerEntry.SetCurrentKey("Master Data No.", "Application Code MYAPP");
        MyLedgerEntry.SetRange("Master Data No.", Code);
        MyLedgerEntry.SetFilter("Application Code MYAPP", '<>%1', "");
        if MyLedgerEntry.FindLast() then
            Letter := MyLedgerEntry."Application Code MYAPP";

        Handled := true;
    end;

    [EventSubscriber(ObjectType::Codeunit, Codeunit::"Application Management LTCAP", 'OnSetLetterOnEntryNo', '', true, false)]
]
local procedure OnSetLetterOnEntryNo(TableId: Integer; EntryNo: Integer; Letter: Text; var Handled: Boolean)
var
    MyLedgerEntry: Record "My Ledger Entry";
begin
    if Handled or (TableId <> Database::"My Ledger Entry") then
        exit;
```

```

MyLedgerEntry.Get(EntryNo);
MyLedgerEntry."Application Code MYAPP" := CopyStr(Letter, 1, MaxStrLen(MyLedgerEntry."Application Code MYAPP"))
;
MyLedgerEntry.Modify();

Handled := true;
end;

[EventSubscriber(ObjectType::Codeunit, Codeunit::"Application Management LTCAP", 'OnFindAppliedEntries', "", true, false)]
local procedure OnFindAppliedEntries(TableId: Integer; EntryNo: Integer; var AppliedEntryBuffer: Record "Applied Entry Buffer
LTCAP"; var Handled: Boolean)
begin
    if Handled or (TableId <> Database::"My Ledger Entry") then
        exit;

    //TODO: Fill AppliedEntryBuffer with all entries applied with the EntryNo

    Handled := true;
end;

[EventSubscriber(ObjectType::Codeunit, Codeunit::"Application Management LTCAP", 'OnFindUnAppliedEntries', "", true, false)]
local procedure OnFindUnAppliedEntries(TableId: Integer; EntryNo: Integer; var AppliedEntryBuffer: Record "Applied Entry Buffer
LTCAP"; var Handled: Boolean)
var
    MyLedgerEntry: Record "My Ledger Entry";
begin
    if Handled or (TableId <> Database::"My Ledger Entry") then
        exit;

    MyLedgerEntry.Get(EntryNo);

    //TODO: Replace Master Data No. by your Master Data Code linked to this Entry (i.e. Customer No., Vendor No., ...)
    MyLedgerEntry.SetRange("Master Data No.", MyLedgerEntry."Master Data No.");
    MyLedgerEntry.SetRange("Application Code MYAPP", MyLedgerEntry."Application Code MYAPP");
    if MyLedgerEntry.FindSet() then
        repeat
            AppliedEntryBuffer.Init();
            AppliedEntryBuffer."Entry No." := MyLedgerEntry."Entry No.";
            AppliedEntryBuffer."Application Code" := MyLedgerEntry."Application Code MYAPP";
            AppliedEntryBuffer.Open := MyLedgerEntry.Open;
            AppliedEntryBuffer.Insert();
        until MyLedgerEntry.Next() = 0;

    Handled := true;
end;

[EventSubscriber(<Subscribe when entries are applied on My Ledger Entry>)]
local procedure OnAfterPostApply(MyLedgerEntry: Record "My Ledger Entry")
var
    ApplicationManagement: Codeunit "Application Management LTCAP";
begin
    ApplicationManagement.PostApply(Database::"My Ledger Entry", MyLedgerEntry."Master Data No.", MyLedgerEntry."Entry
No.");
end;

[EventSubscriber(<Subscribe when entries are unapplied on My Ledger Entry>)]
local procedure OnAfterPostUnapply(MyLedgerEntry: Record "My Ledger Entry")
var
    ApplicationManagement: Codeunit "Application Management LTCAP";
begin
    ApplicationManagement.PostUnApply(Database::"My Ledger Entry", MyLedgerEntry."Master Data No.", MyLedgerEntry."
Entry No.");
end;
}

```



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