

Steps to create AL Project in Visual Studio Code

- Start Microsoft Visual Studio Code from Windows. Click Start > Visual Studio Code.
- Go to the tab Extensions.
 - Click View > Extensions.
 - Type “AL Language” in the “Search Extensions in the Marketplace” search box.
 - Click the green “Install” button.
 - After installation click the “Reload” button.
 - Alternatively, can use VSIX File to install AL Language Extension for On-prem Application
- Create a new AL Extension project
 - Click View > Command Palette...
 - Type **“AL: Go!”** in the search box and press ENTER.
- Correct the settings in the launch.json file.
 - Click View > Explorer. The Explorer pane opens.
 - Click the folder “.vscode”.
 - Click the file “launch.json”.
 - Change the “server” setting with the URL of your Microsoft Dynamics 365 Business Central test environment.
 - Change the “serverInstance” setting with the instance name of your test environment (if needed).
- Change the settings in the app.json file
 - Click the app.json file in the Explorer pane.
 - Change the “name” setting to “Hello World” or any other name.
 - Change the “publisher” setting to “Cronus International Ltd” or any other publisher name.
- Download the application symbols.
 - Click View > Command Palette...
 - Type **“AL: Download symbols”** in the search box and

press ENTER.

- Verify the download of the application symbols.
 - Verify that you see a “.alpackages” folder with two “.app” files.
 - Verify that the “HelloWorld.al” file doesn’t show in red.
 - Open the “HelloWorld.al” file and verify that “Customer List” isn’t underlined in red.
- Package your AL Extension.
 - Click View > Command Palette...
 - Type **“AL: Package”** in the search box and press ENTER.
 - Verify that you see a “.app” file in your File Explorer
- Publish the AL Extension.
 - Click View > Command Palette...
 - Type **“AL: Publish”**
 - The Microsoft Dynamics 365 Business Central application launches.

Structure of Business Central Objects

Table — Code Snippet (ttable)

Table

Table Properties

Fields

Field Properties

Field Triggers

Table Keys

Field Groups

Table Variables - Global

Table Triggers

Table Procedures

Table Extension - Code Snippet (ttableext)

Table Extension

Table Extension Properties

Fields

Field Properties

Field Triggers

Table Extension Keys

Field Groups

Table Extension Variables - Global

Table Extension Triggers

Table Extension Procedures

Page - Code Snippet (tpage)

Page

Page Properties

Layout

Area

Group/Repeater

Fields

Field Properties
Field Triggers

Actions

Area

Action

Page Triggers

Page Procedures

Page Variables - Global

Page Extension - Code Snippet (tpageext)

Page Extension

Page Extension Properties

Layout

Addlast/Addafter/modify

Fields

Field Properties

Field Triggers

Actions

Addlast/Addafter

Action

Action Properties

Action Triggers

Page extension Procedures

Page extension Triggers

Page Extension Variables - Global

XML Port - Code Snippet (txmlport)

XMLPort

XMLPort Properties

Schema

Text Element

Table Element

Field Element

Field Attributes

Request Page

Layout

Actions

XMLPort Procedures

XMLPort Triggers

XMLPort Variables - Global

Query - Code Snippet (tquery)

Query

Query Properties

Elements

Data Item

Column

Filter

Data Item

Data Item

Query Procedures

Query Triggers

Query Variables - Global

Reports - Code Snippet (treport)

Report

Report Properties

Dataset

Data Item

Column

Data Item Triggers

Data Item

Data Item

Request Page

Layout

Actions

Labels

Report Procedures

Report Triggers

Report Variables - Global