

Cordova: Fast and Easy D365F&O TFVC DevOps

Administration & User's Guide Version 1.0.1

for Microsoft Dynamics 365 for Finance and Supply Chain Management





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Version History

Version	Software Version	Date	Description
001.00.01	001.000.064.000	11/04/2024	First public release.



Introduction

The Cordova system was created to make it easy to promote Dynamics 365 for Finance and Operations source code between TFVC (Team Foundation Version Control) repositories.

Cordova will also make it easy for you to communicate those code movements to your team.

Cordova has powerful auditing capabilities that will allow you check when and how those code promotions have been made.

Cordova will also allow you to test the compilation of the remote repositories after a code promotion to make sure that your Azure Pipelines will execute successfully.

Cordova will significantly cut the time you spend doing DevOps work for Dynamics 365 for Finance and Operations.

Trial Version

Visit https://atlantic-oak.com/Products/D365FO_Cordova_TFVC and scroll to the bottom of the product page to download your trial version.



D365FSCM

Cordova: Fast and Easy D365F&O DevOps Trial

You can test drive Cordova for 15 days. You can also request extensions to this trial period. To download a fully functional trial version of the product [click here](#). If you require any assistance, experience problems or if you have questions or comments send us an e-mail to support@atlantic-oak.com. Our regular support services include answering questions about the existing functionality of our software, general suggestions and expedited bug fixing. Regular support requires competency in the technology and development environment being used (Dynamics 365 for Finance and Operations, Visual Studio and Azure DevOps).

You can test trial Cordova for a period of 15 days, and you can also request additional extensions to this trial period if needed.

During the evaluation period, prospective clients are entitled to the same level of support as our regular customers.



Support

If you require assistance, experience problems or if you have any questions or comments send us an e-mail to support@atlantic-oak.com.

Our support services include answering questions about the existing functionality of our software, general suggestions and expedited bug fixing. Regular support requires competency in the technology and development environment being used (Dynamics 365 for Finance and Operations, Visual Studio and Azure DevOps).

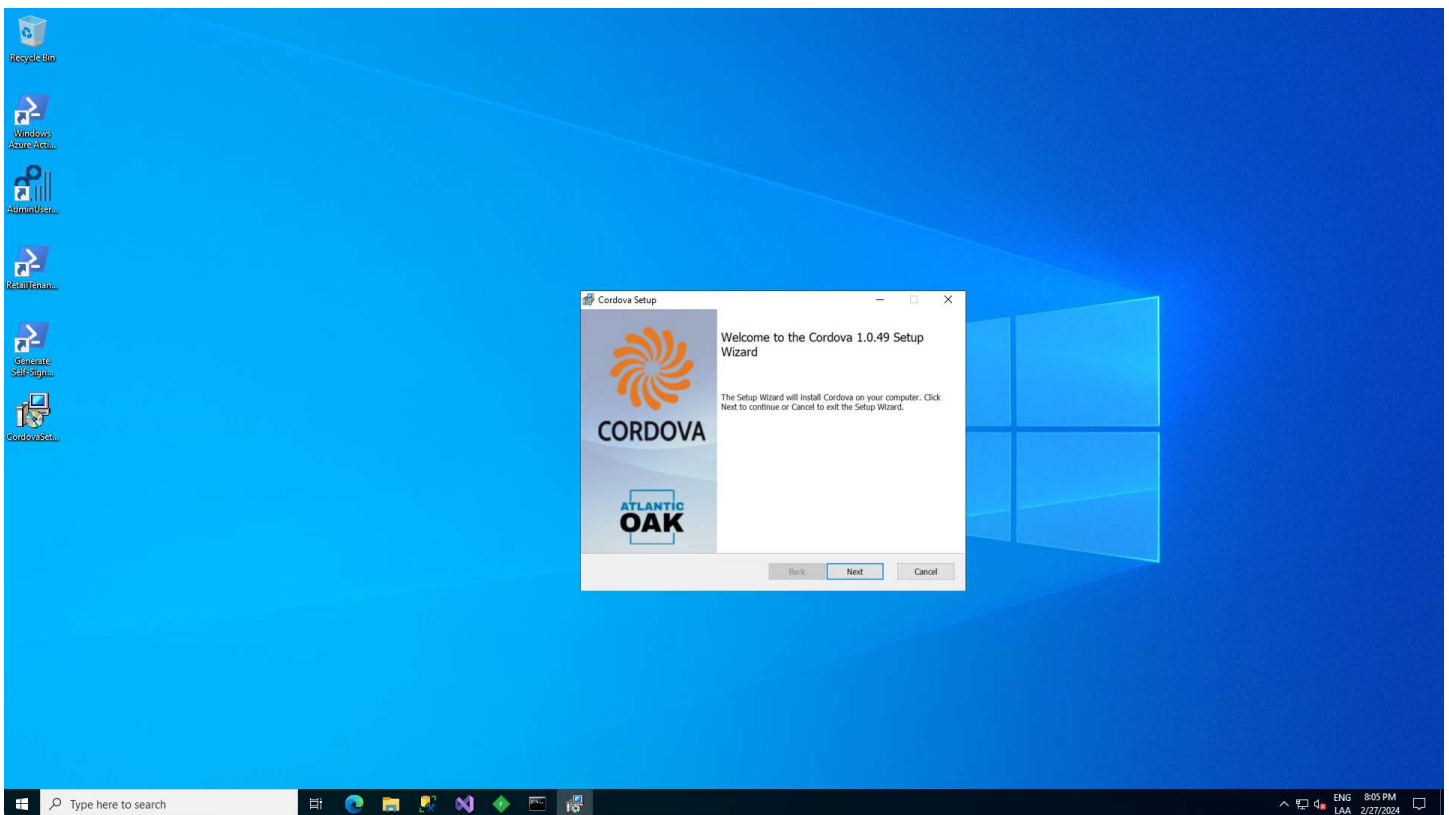
Installation Instructions

Cordova can be installed in any Windows system. Since Cordova requires SQL Server and access to the TFVC repositories, it makes sense to install Cordova on a D365F&O one box environment. The one box environment can be a local or cloud hosted environment. The install program will search for earlier versions of Cordova and will remove them if present. There is no need to uninstall them first.

Once you have downloaded the installation package from our website at:

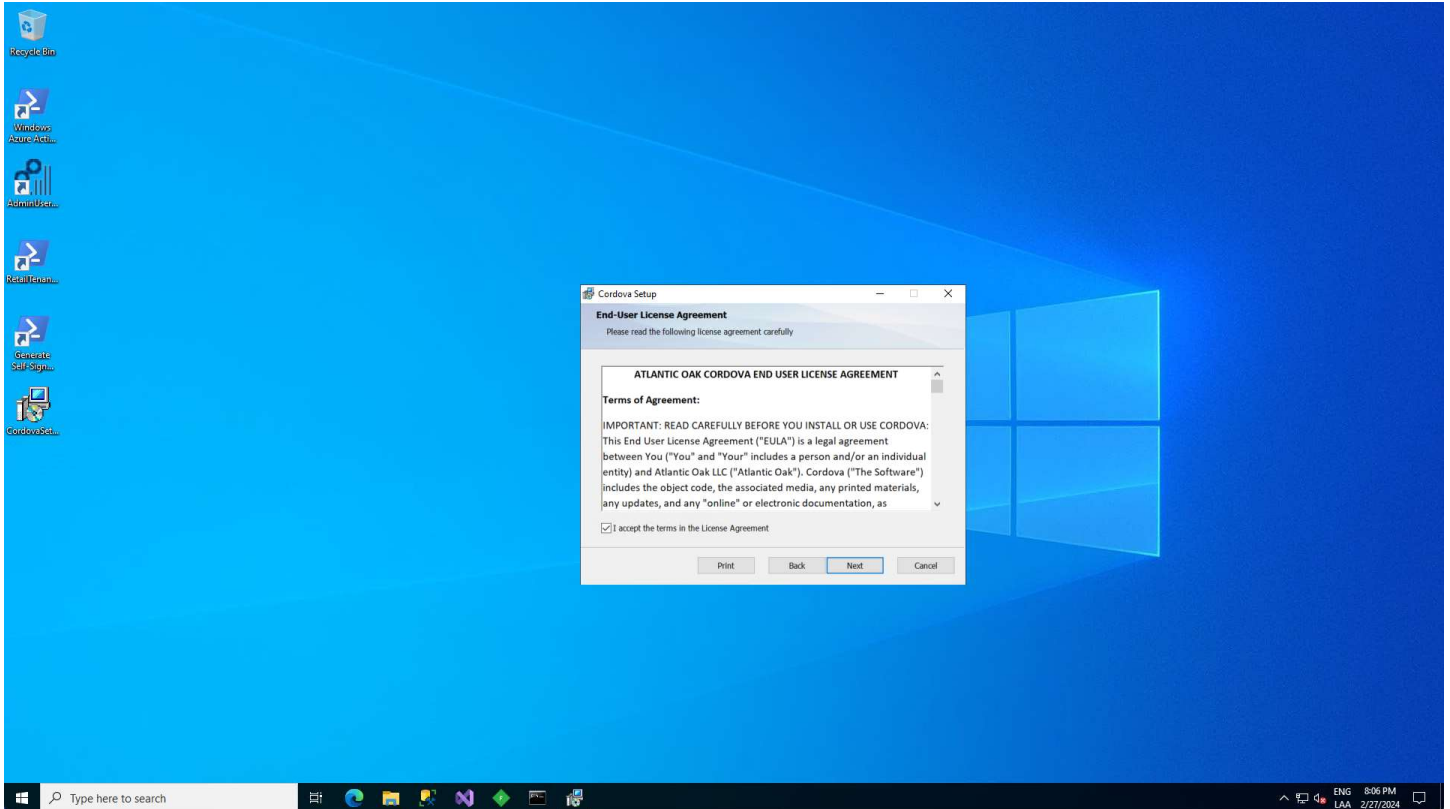
https://atlantic-oak.com/Products/D365FO_Cordova_TFVC_Management_System

Extract and double click on the CordovaSetup_V_XXX.XXX.XXX.XXX.msi file contained in the zip file. It will launch the setup wizard.



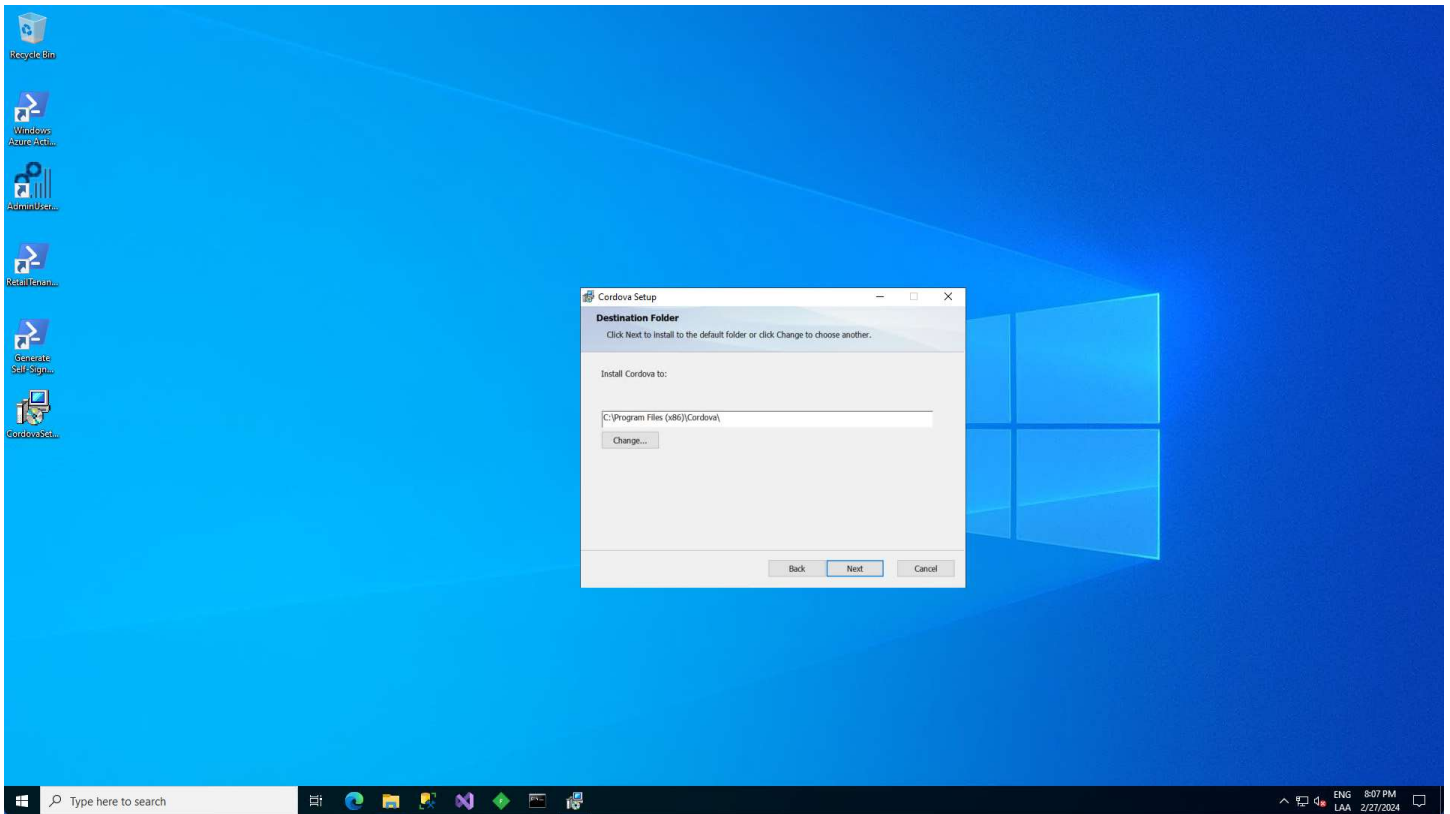
Click on the **Next** button.

Read the Atlantic Oak Cordova End User License Agreement. Once you have finished, mark the “**I accept the terms in the User Agreement**” check box.

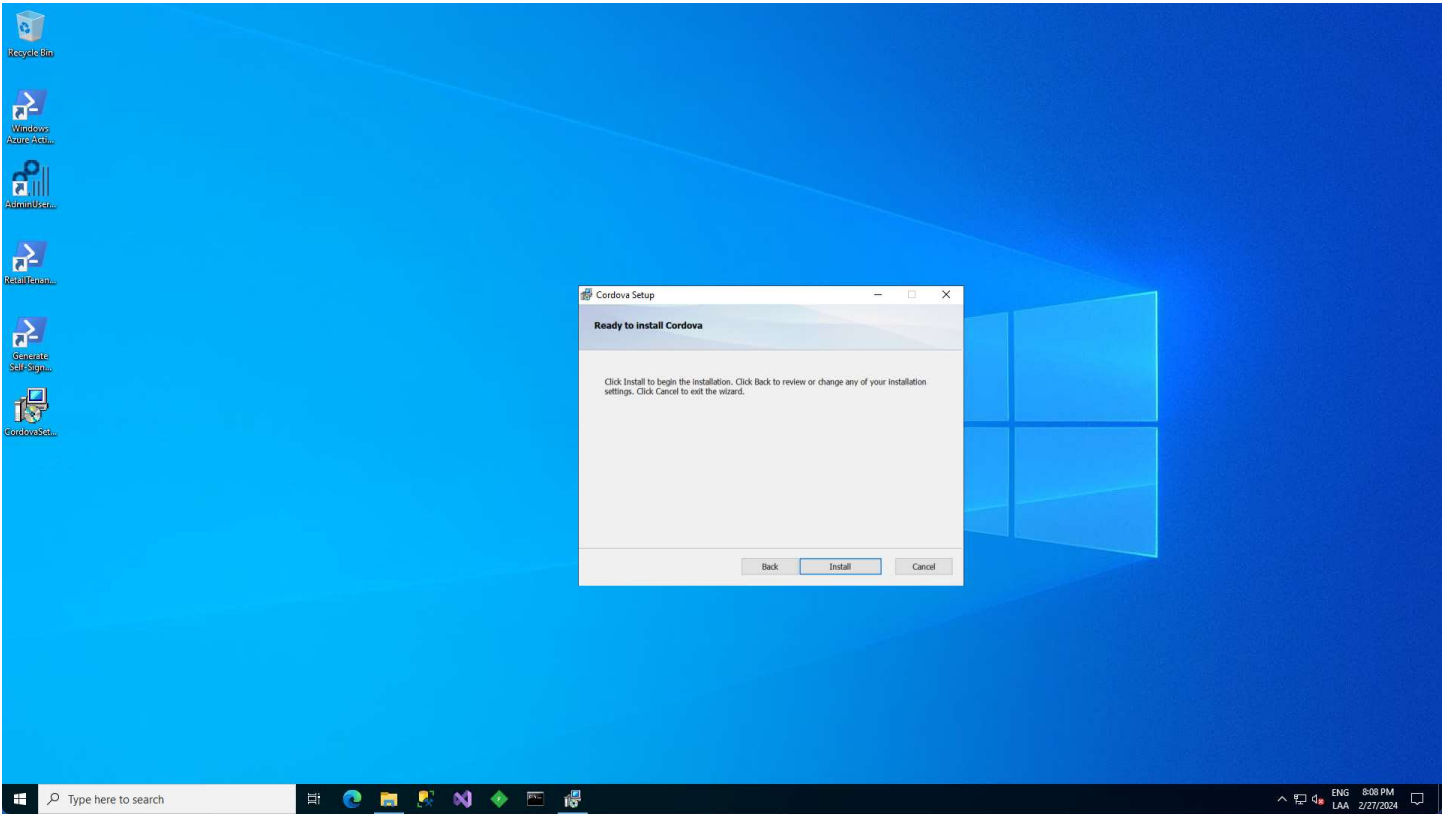


Click on the **Next** button.

Select the install directory or leave the default selection (recommended).

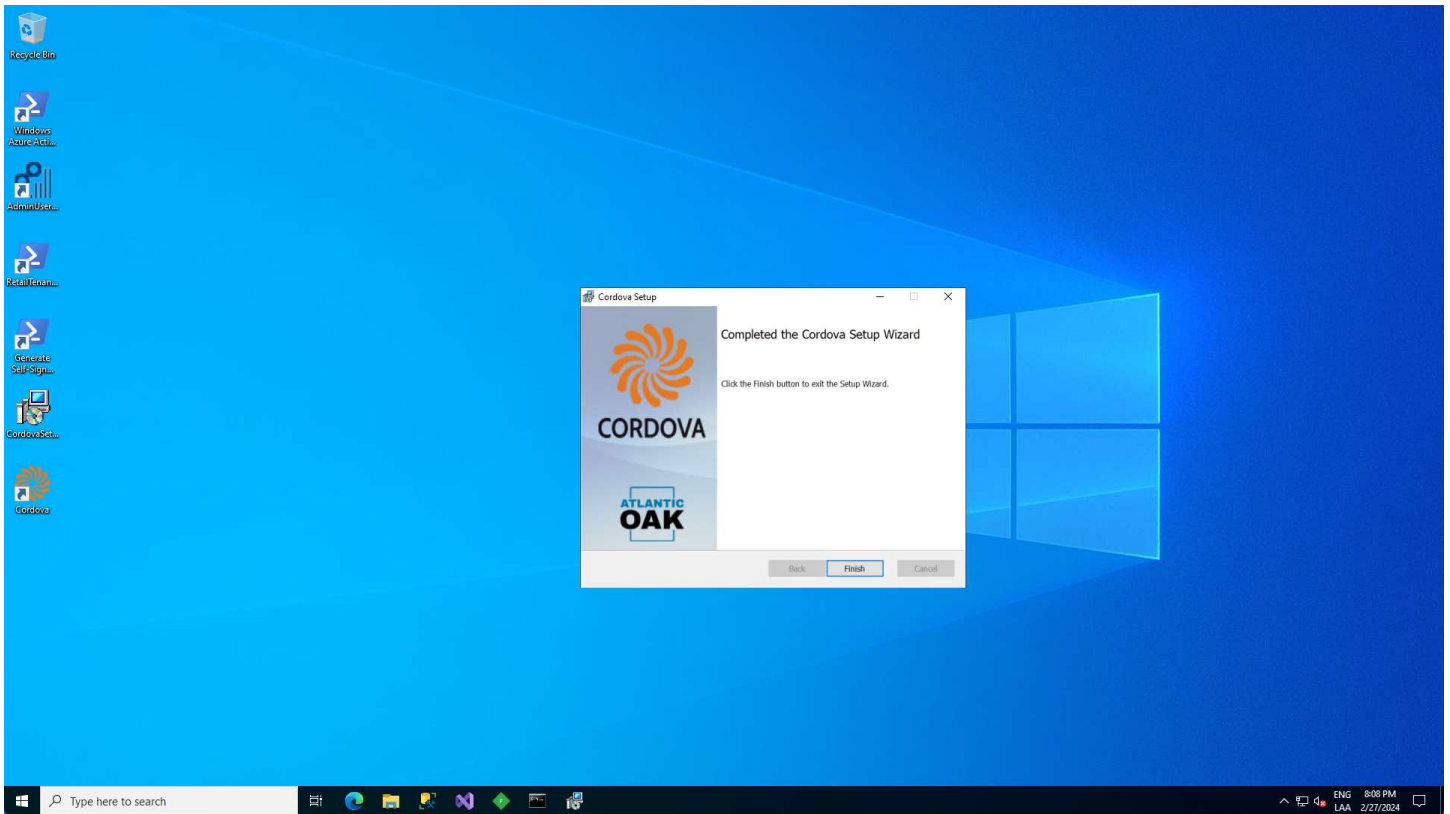


Click on the **Next** button.



Click on the **Install** button to continue.

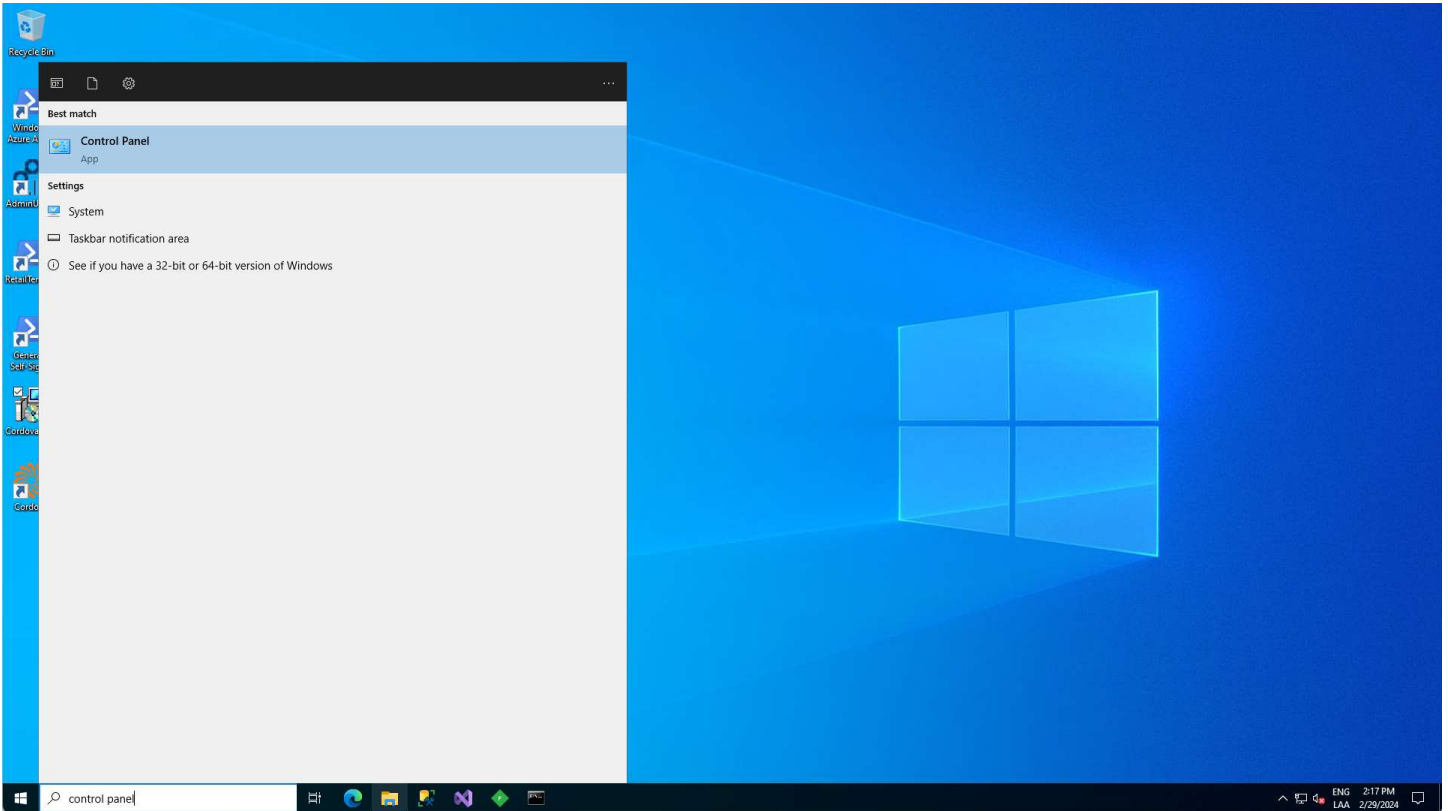
Once the install has finished successfully you will see this screen.



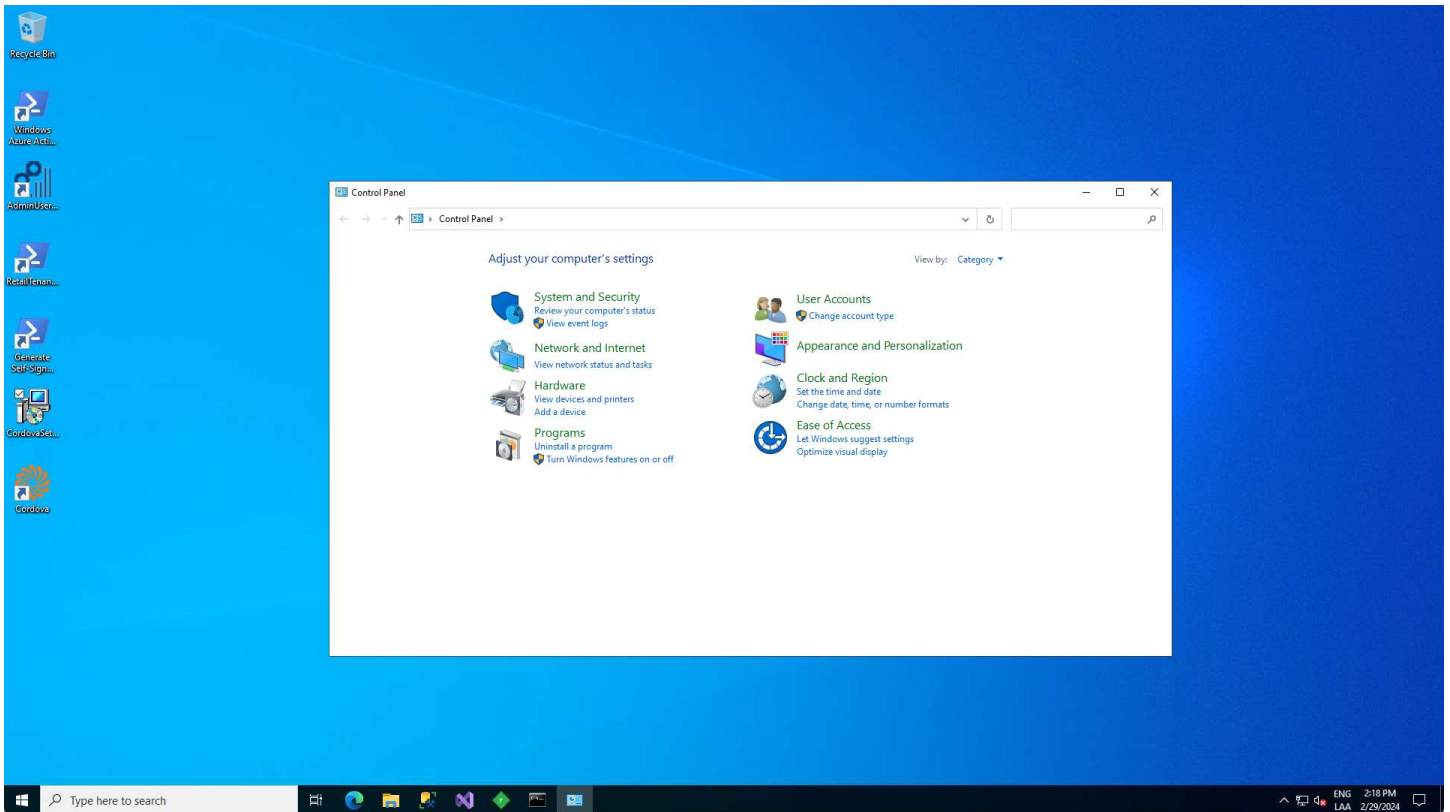
Click on the **Finish** button to exit the setup wizard.

Uninstall Instructions

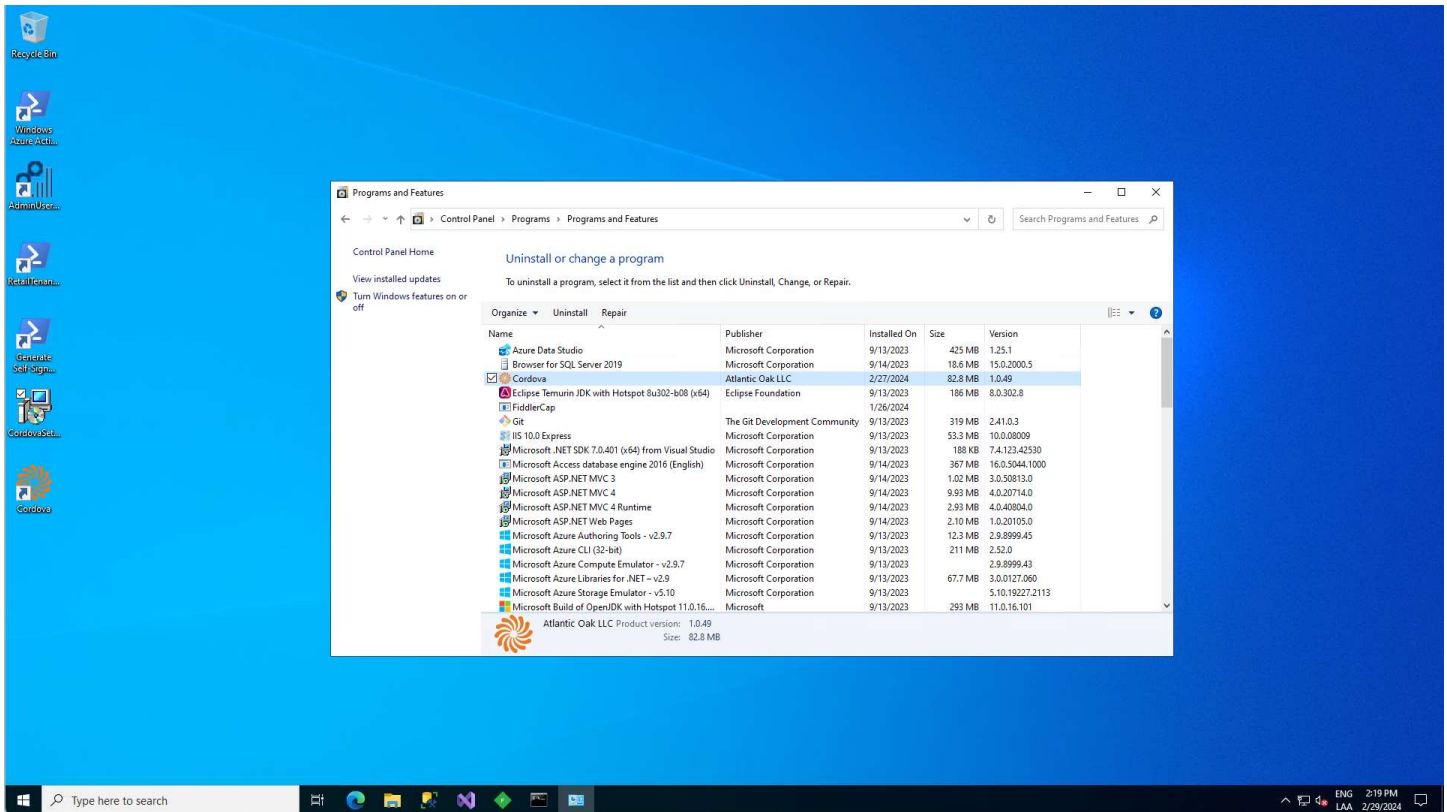
Type **“control panel”** in the Cortana search bar at the lower left-hand side of the windows environment.



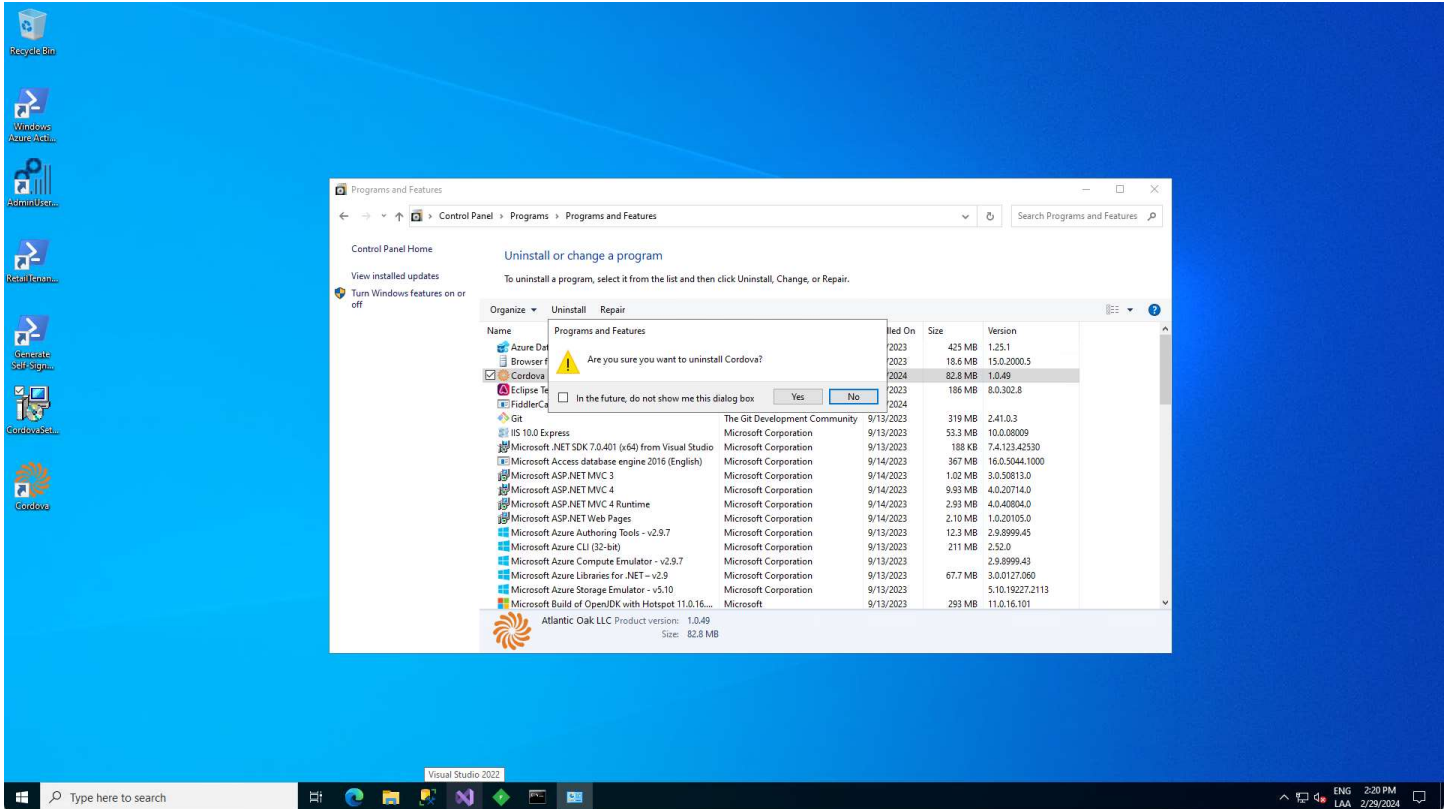
Click on **“Uninstall a program”** under **Programs**.



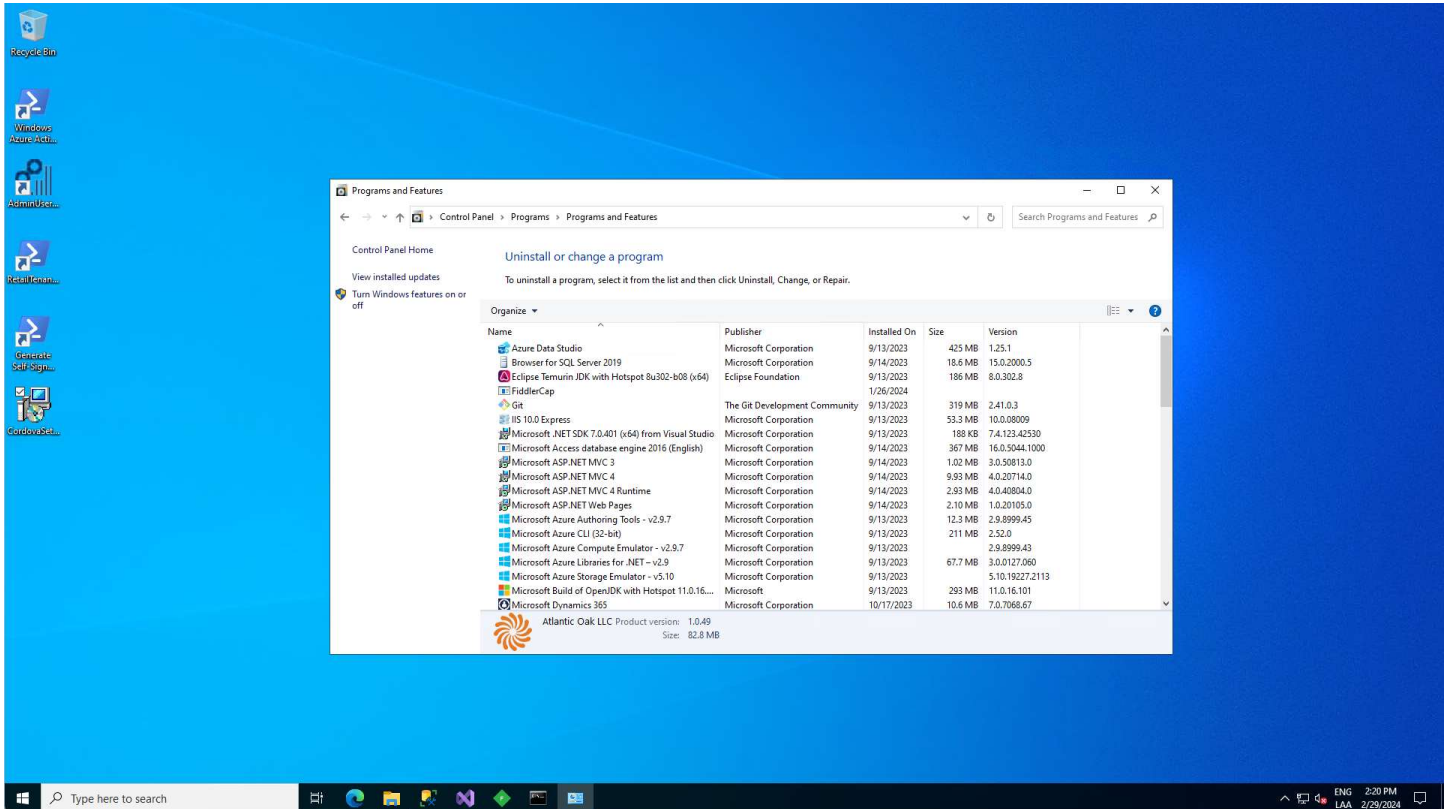
Select **Cordova** and click on the **Uninstall** button.



The system will prompt you: **“Are you sure you want to uninstall Cordova?”**, click on the **Yes** button.



After a few seconds **Cordova** will be uninstalled from your system.



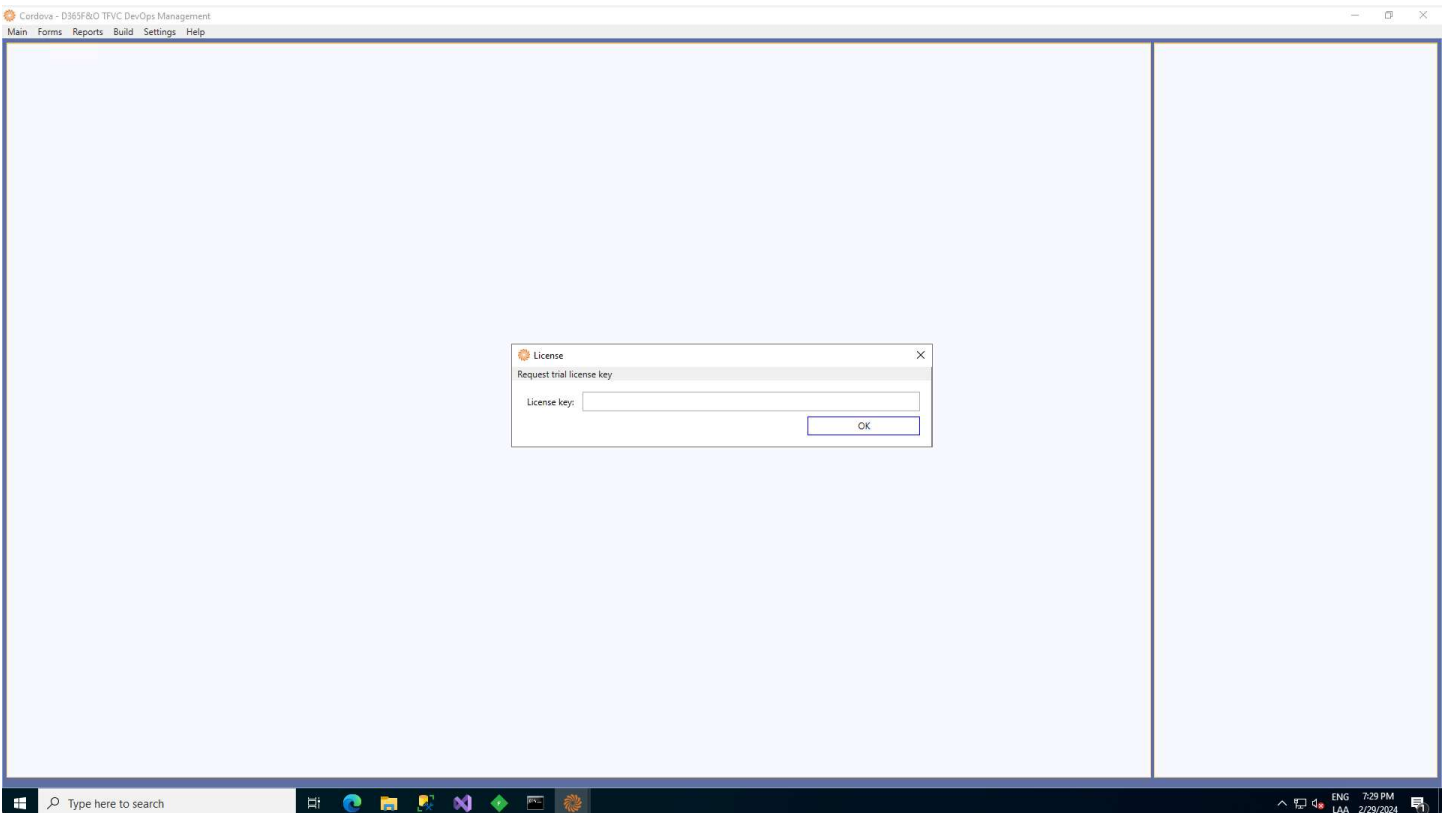
Setup

To begin setup, after successfully installing the product, click on the Cordova desktop icon that was created on your desktop during the install process.



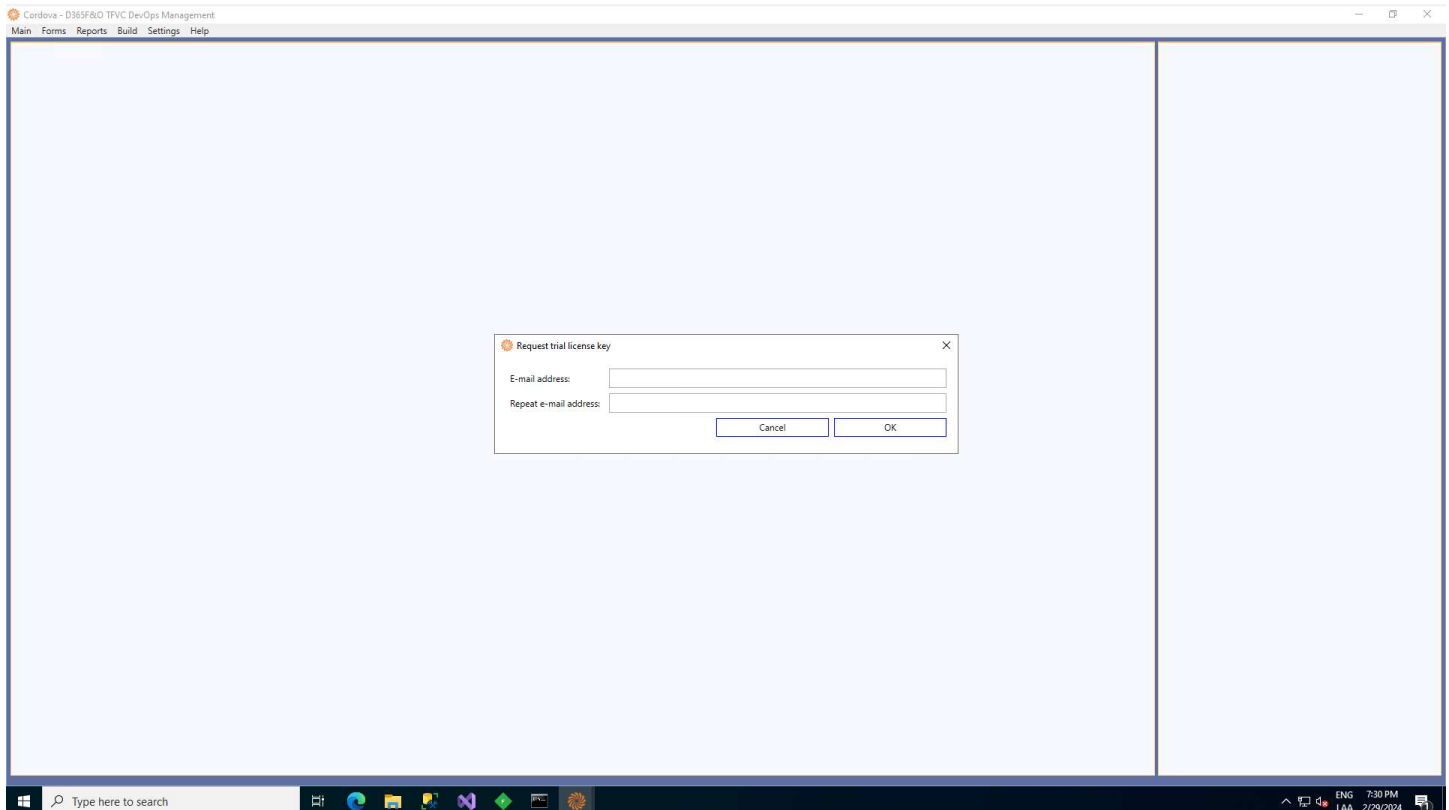
License Keys

Each install of the Cordova TFVC Management System requires a license key. After installing the product and clicking on the Cordova desktop icon, the first dialog that pops-up will prompt you to enter a license key.

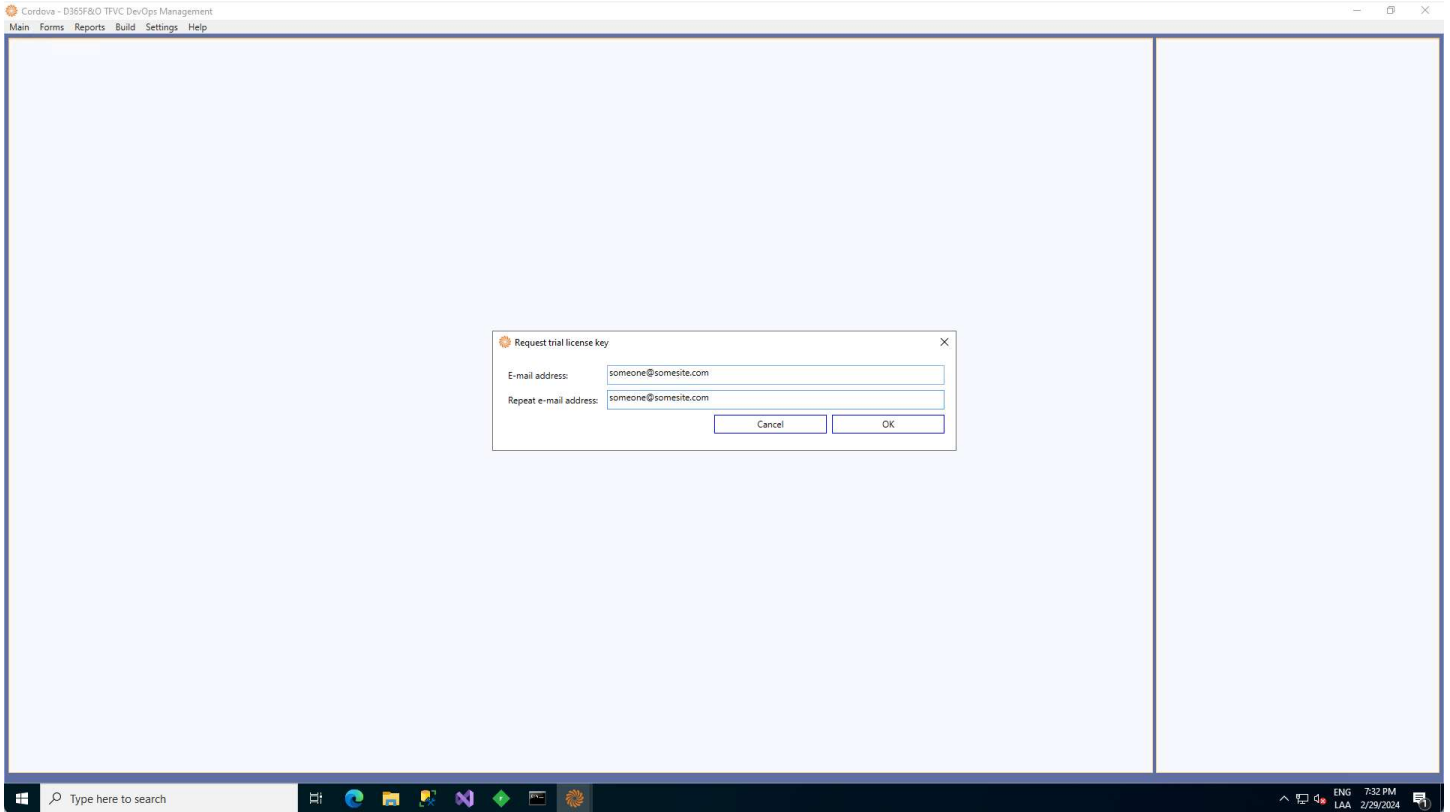


Enter your license key. If you do not have one, you can request a trial license key by pressing the **“Request trial license key”** button. A trial license will be valid for 15 days. You can contact us and request additional extension periods if needed.

If you click on the “Request trial license key” button, a dialog prompting you for your e-mail will pop-up.

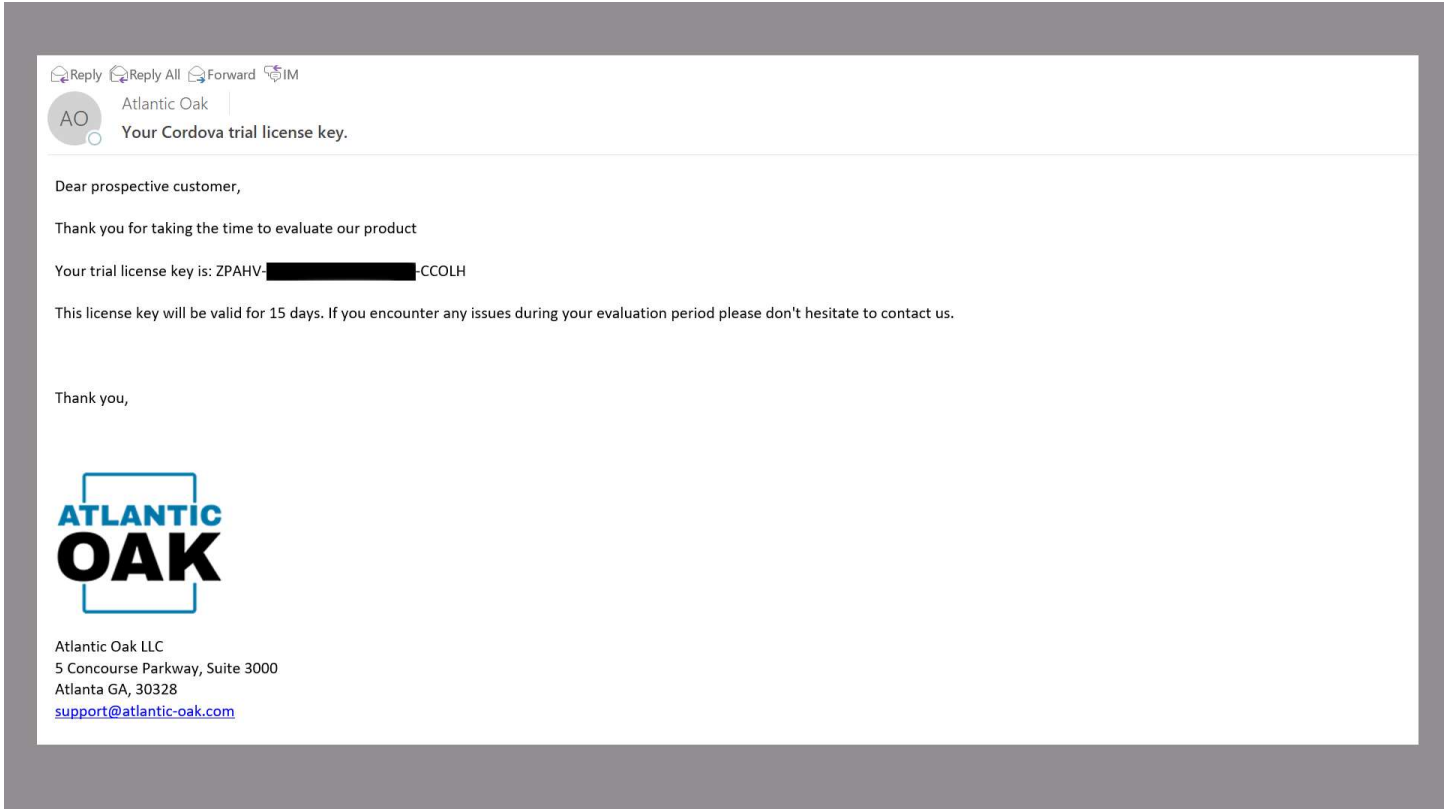


The dialog will ask that you type in your e-mail twice to make sure that it is correct.



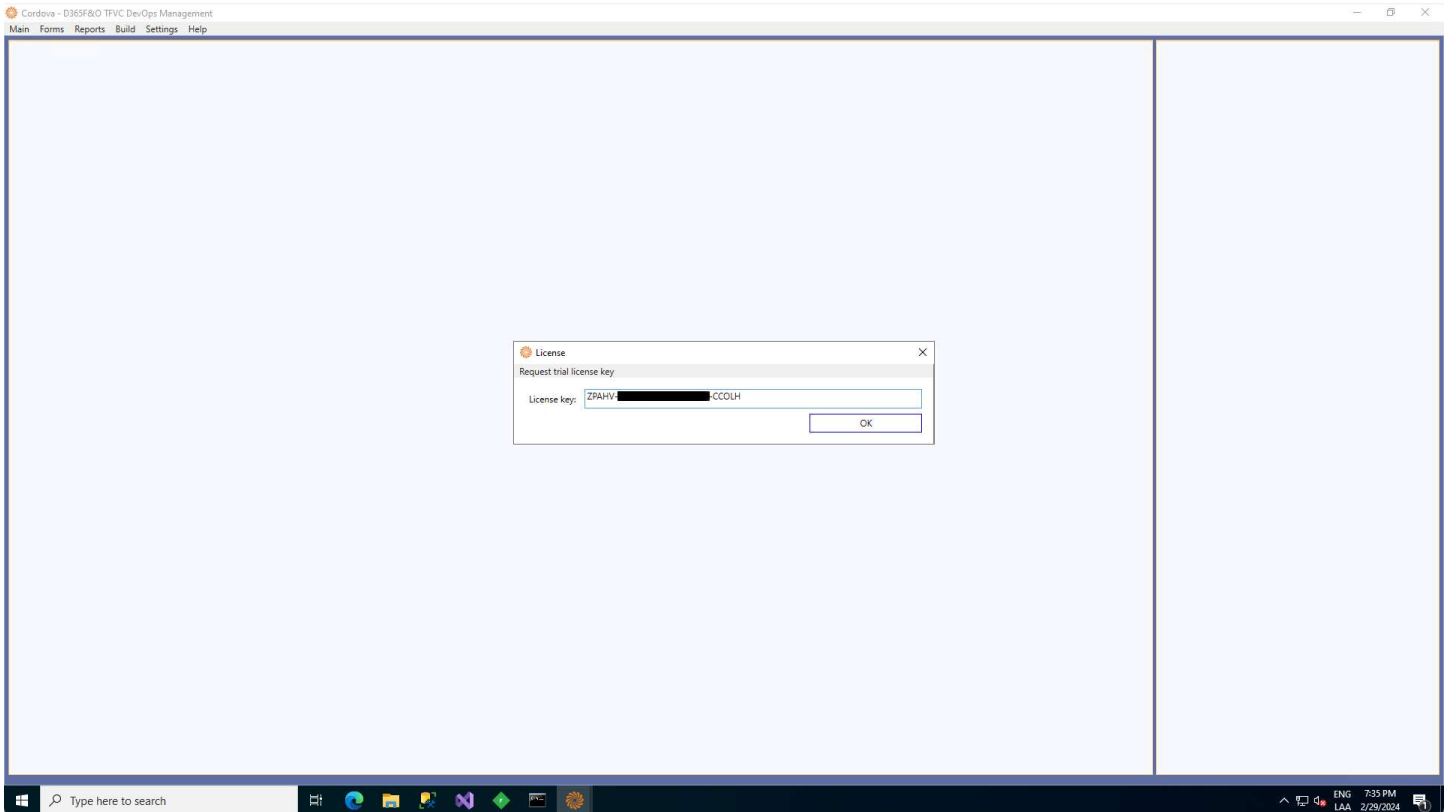


Once you click on the OK button, our system will send you an e-mail to the above address with the license key.

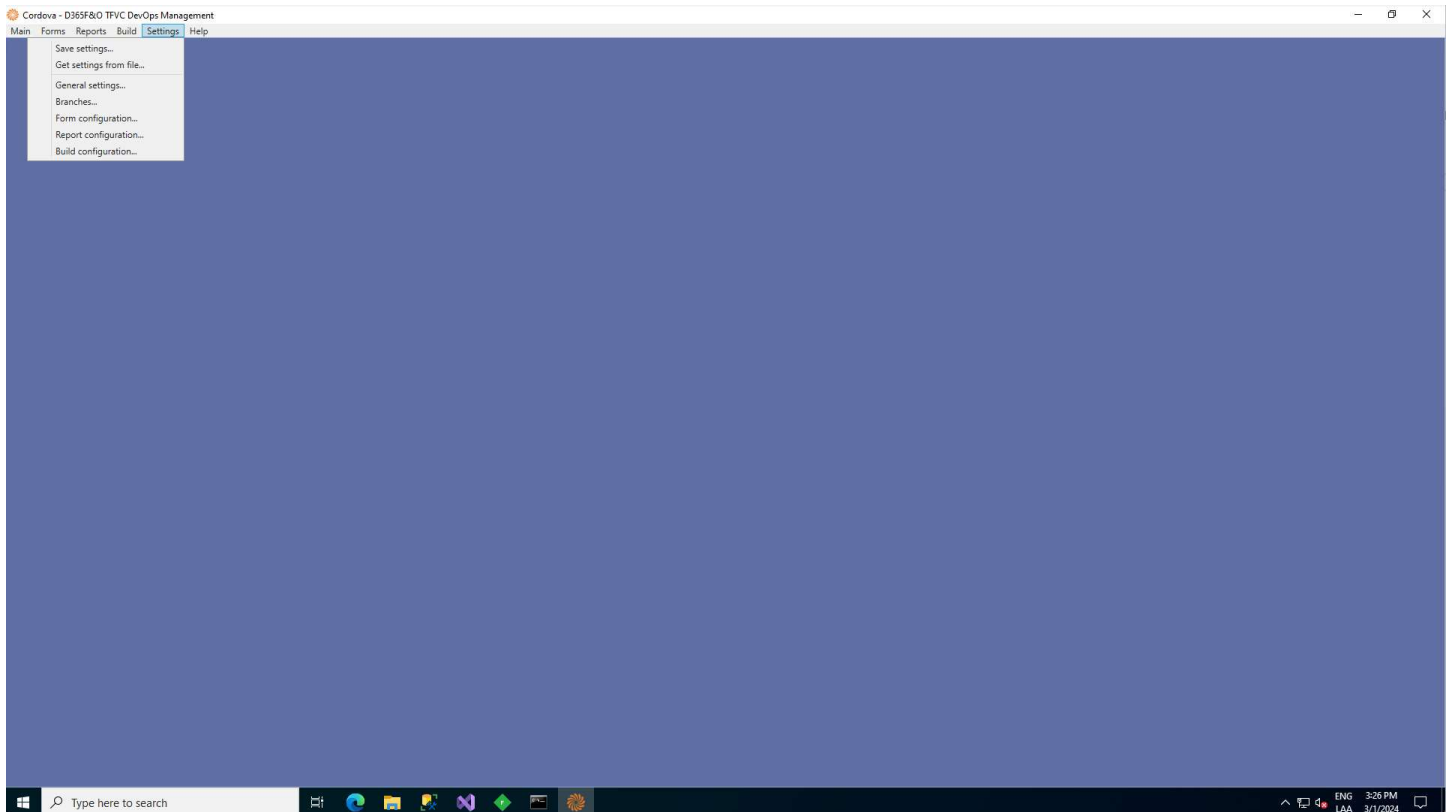




Type the license key and press the OK button.



When Cordova loads for the first time, you must configure all the settings in the system.



There are five different configuration screens:

- General settings
- Branches
- Form configuration
- Report configuration
- Build configuration

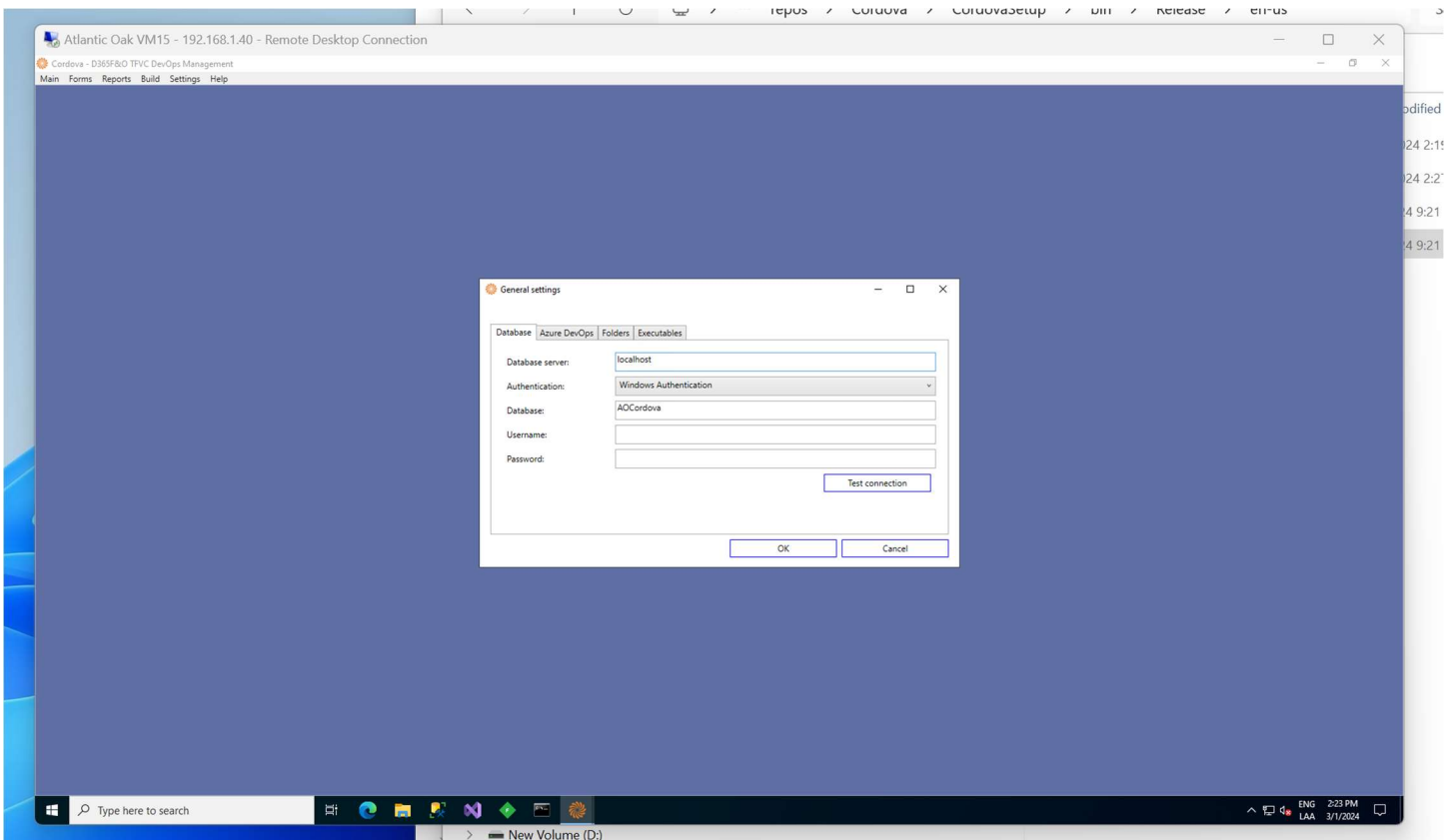
They must be configured sequentially in that order.

General Settings

The General settings dialog is divided into four tabs:

- Database
- Azure DevOps
- Folders
- Executables

The Database tab is used to specify Sql Server connection information to the Cordova database that is created on system startup. **In a one box environment the settings are populated by default. They should not be changed, unless needed.**



Tab controls:

Database server: The SQL database server name. Generally **localhost** for one box environments. It can also be an IP address, or **.\SQLEXPRESS** for SQL express installs for example.

Authentication: Windows Authentication or SQL Server Authentication.



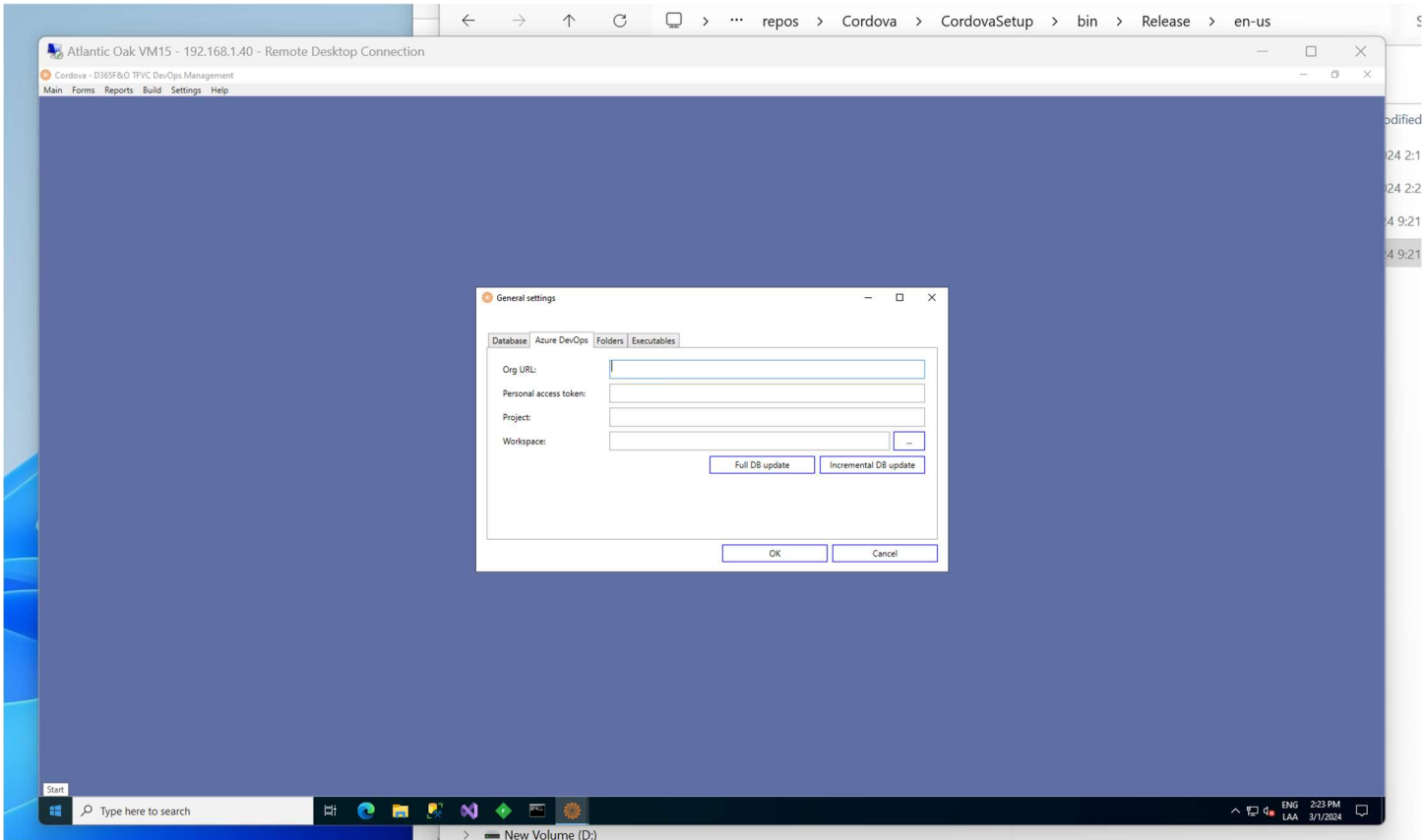
Cordova TFVC Management System

Database: The name of the Cordova database. On initial startup Cordova will create a database called AOCordova.

Username: The SQL server administrator username.

Password: The SQL server administrator password.

In the Azure DevOps tab, you must enter the settings to connect to the Azure DevOps instance that is being used by your organization,



Tab controls:

Org URL: It is generally of the form <https://dev.azure.com/YourOrganizationName>. If in doubt, ask your system administrator or contact us at support@atlantic-oak.com.

Personal access token: The personal access token created in Azure DevOps to allow third party software access. You can navigate to: <https://learn.microsoft.com/en-us/azure/devops/organizations/accounts/use-personal-access-tokens-to-authenticate> for more information.

Project: The name of the project that contains Dynamics 365 for Finance and Operations code. An organization can have several projects so ask your system administrator or contact us at support@atlantic-oak.com.

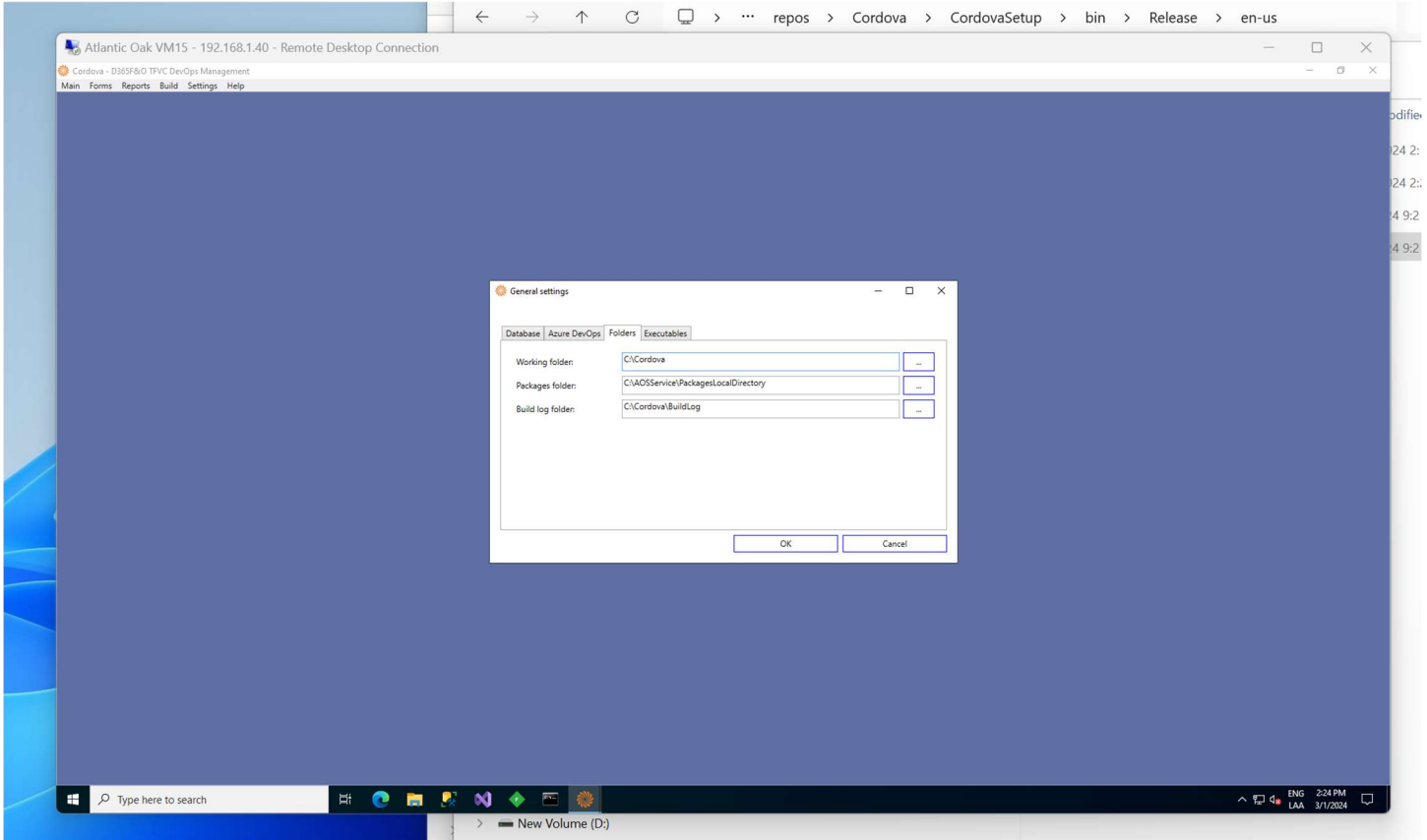
Workspace: The workspace that contains the branch mappings, you can get this information from Visual Studio. If in doubt ask your system administrator or contact us at support@atlantic-oak.com.



Once you have configured all the above values click on the **“Full DB update”** button. Cordova will begin querying Azure DevOps and copying data to the local database. Depending on the size of the database this operation might take a few minutes or longer.

The **“Incremental DB update”** button can be clicked when you feel like the local DB needs an updated dataset. But generally, Cordova takes care of updating the DB automatically.

The folders tab is populated with values by the system by default. These folders are used to keep temporary and other files, such as reports, that are generated by the Cordova system.



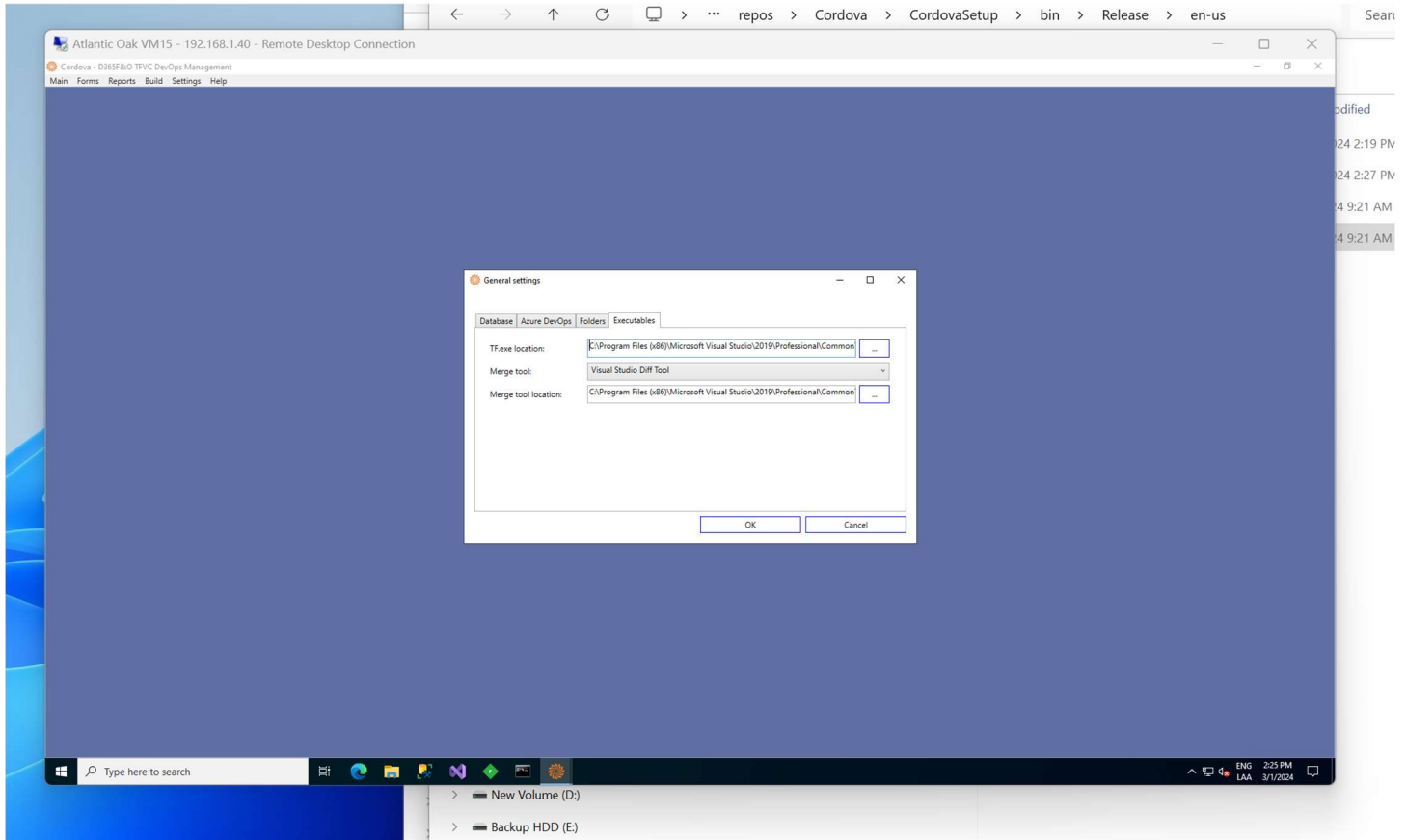
Tab controls:

Working folder: The path to the working folder for the system. This folder will store several files such as reports.

Packages folder: The packages folder on one box systems. Will be blank if Cordova is running on a system that is not a one-box.

Build log folder: Will contain temporary files created during build processes.

The executables tab is populated with values by the system by default. It contains path information for executables that are invoked within the Cordova system.



Tab controls:

TF.exe location: Path to the TF.exe executable.

Merge tool: Merge tool type. Currently the only valid option is "Visual Studio Diff Tool".

Merge tool location: Path to the executable for the merge tool.

Branches

The branches screen will allow you to specify which code branches of your project you wish to have as origins or destinations of merge operations.

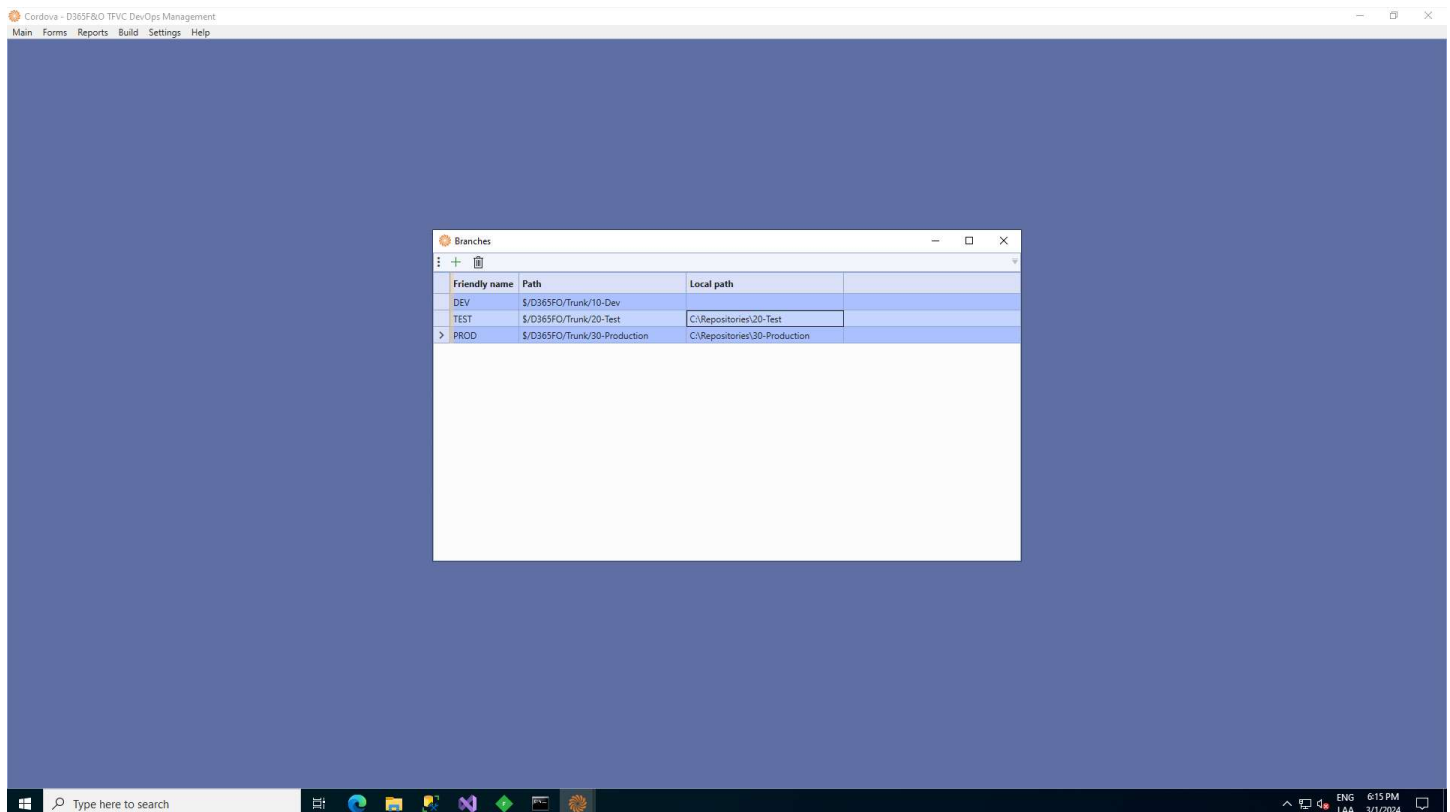
Toolbar buttons:



Add a branch.



Remove a branch.



Grid columns:

Friendly name: A short description to identify the branch. Will show up in reports instead of the repository path.





Path: The complete path of the branch in the Azure DevOps code repository.

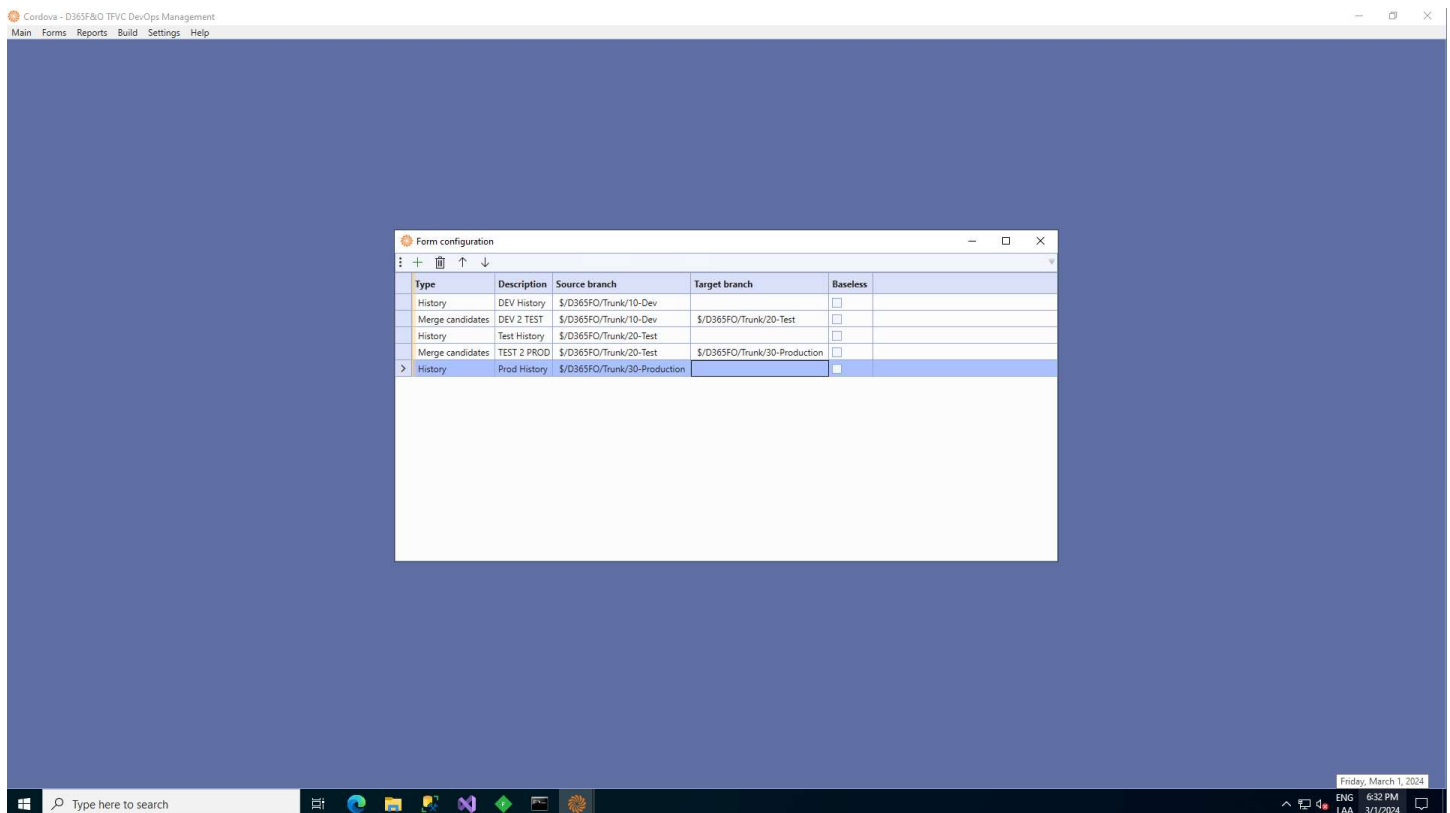
Local path: (Optional) The mapping to the local machine. Will only be used by the TF.exe script generation process.

Form Configuration

The form configuration dialog will allow you to specify the merge or history operations that you execute frequently and want to keep handy. A history form will allow you to view the history of the changesets for a given branch and perform changes to the check in comments or change the associated Azure DevOps tasks. A merge candidates form will allow you to merge two branches.

Toolbar buttons:

-  Add a form configuration line.
-  Remove a form configuration line.
-  Move line up.
-  Move line down.



Grid controls:

Type: History or Merge candidates.

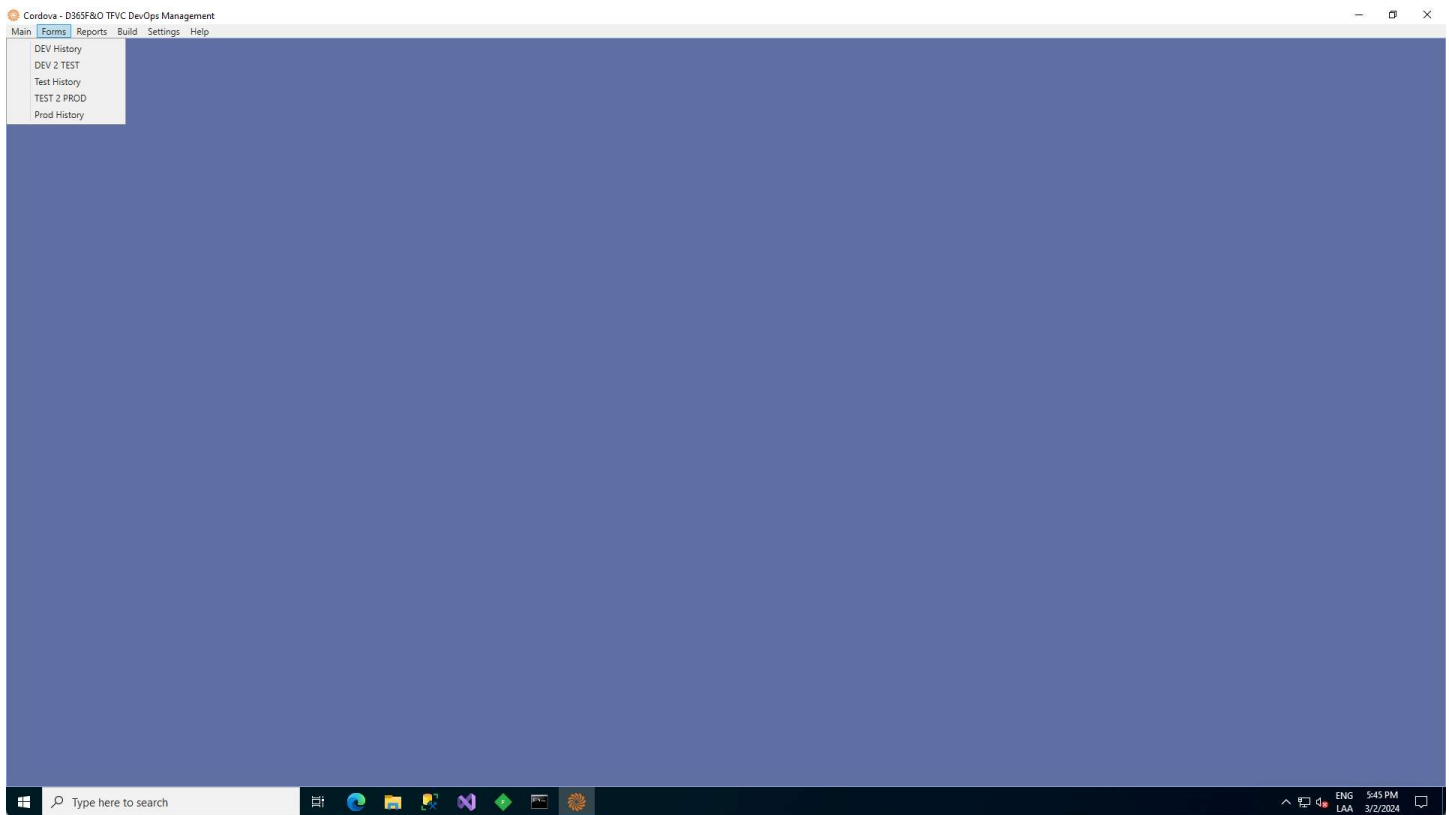
Description: A short description.

Source branch: The source branch of the merge, or the main branch for history.

Target branch: The destination branch. Only required for type **Merge candidates**.

Baseless: When you want to perform baseless merges mark this checkbox.






Once the forms have been configured they will show up in the **Forms** menu.

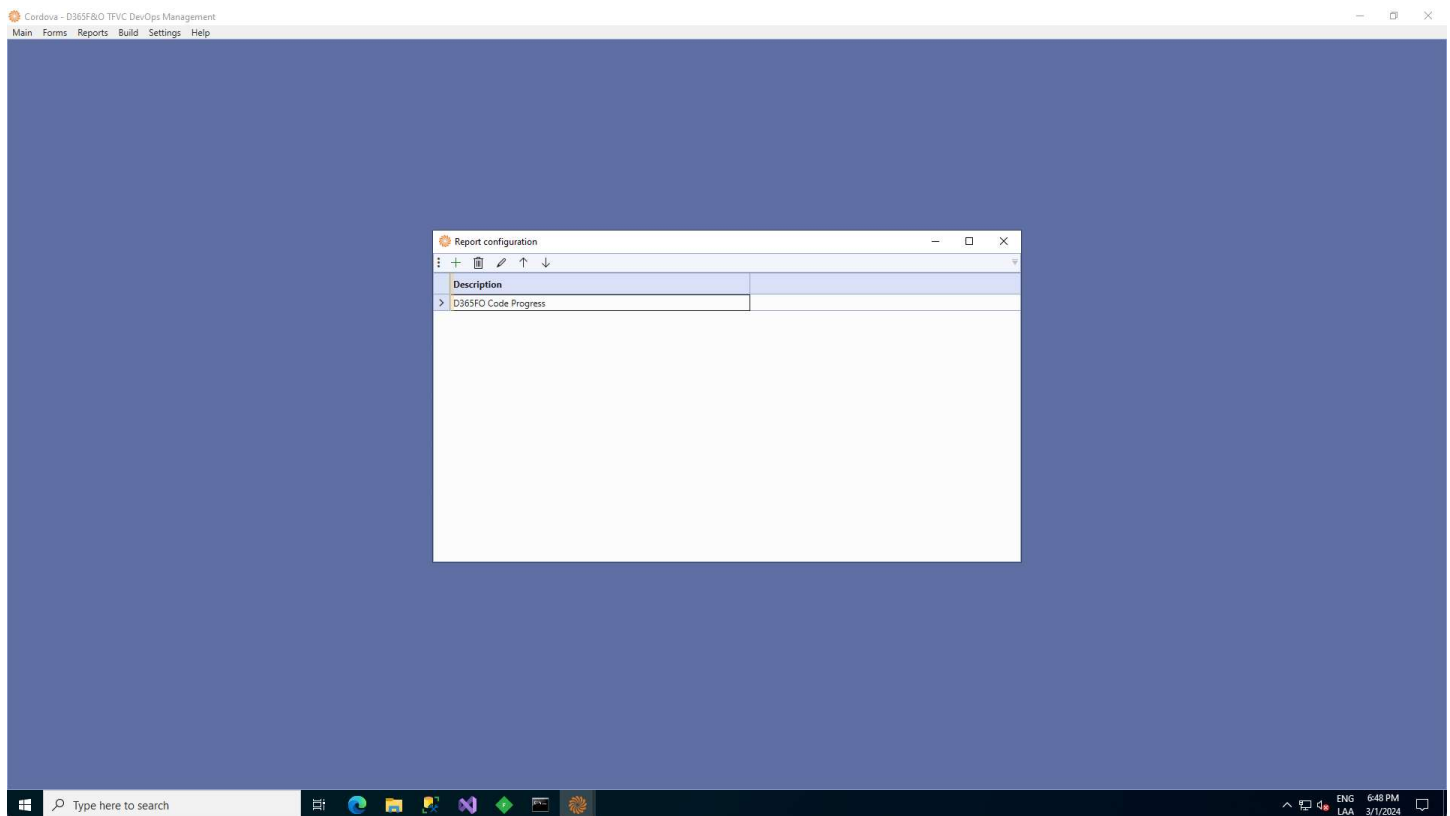


Report Configuration

The Cordova system can produce excel style reports of changeset history and merge candidates that you can distribute to your team. The system can store several reports.

Toolbar buttons:

-  Add a report configuration line.
-  Remove a report configuration line.
-  Edit selected report configuration line (go to report details).
-  Move line up.
-  Move line down.







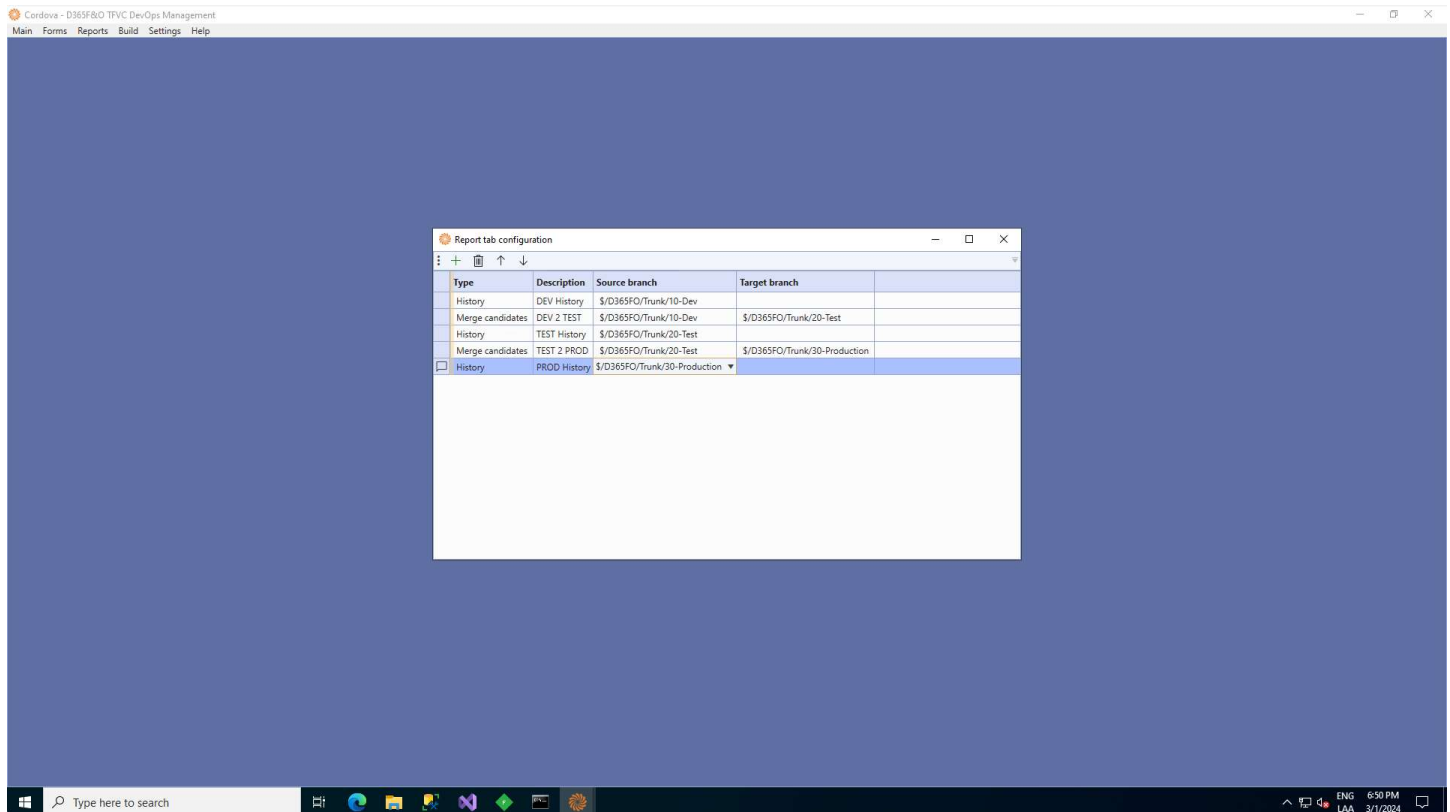
Grid controls:

Description: A short description used to identify the report.

Once you are in the report details dialog you can specify the tabs that the report will have. A tab can be a history or a merge candidates tab.

Toolbar buttons:

-  Add a report tab configuration line.
-  Remove a report tab configuration line.
-  Move line up.
-  Move line down.



Grid controls:

Type: History or Merge Candidates.

Description: A short description.

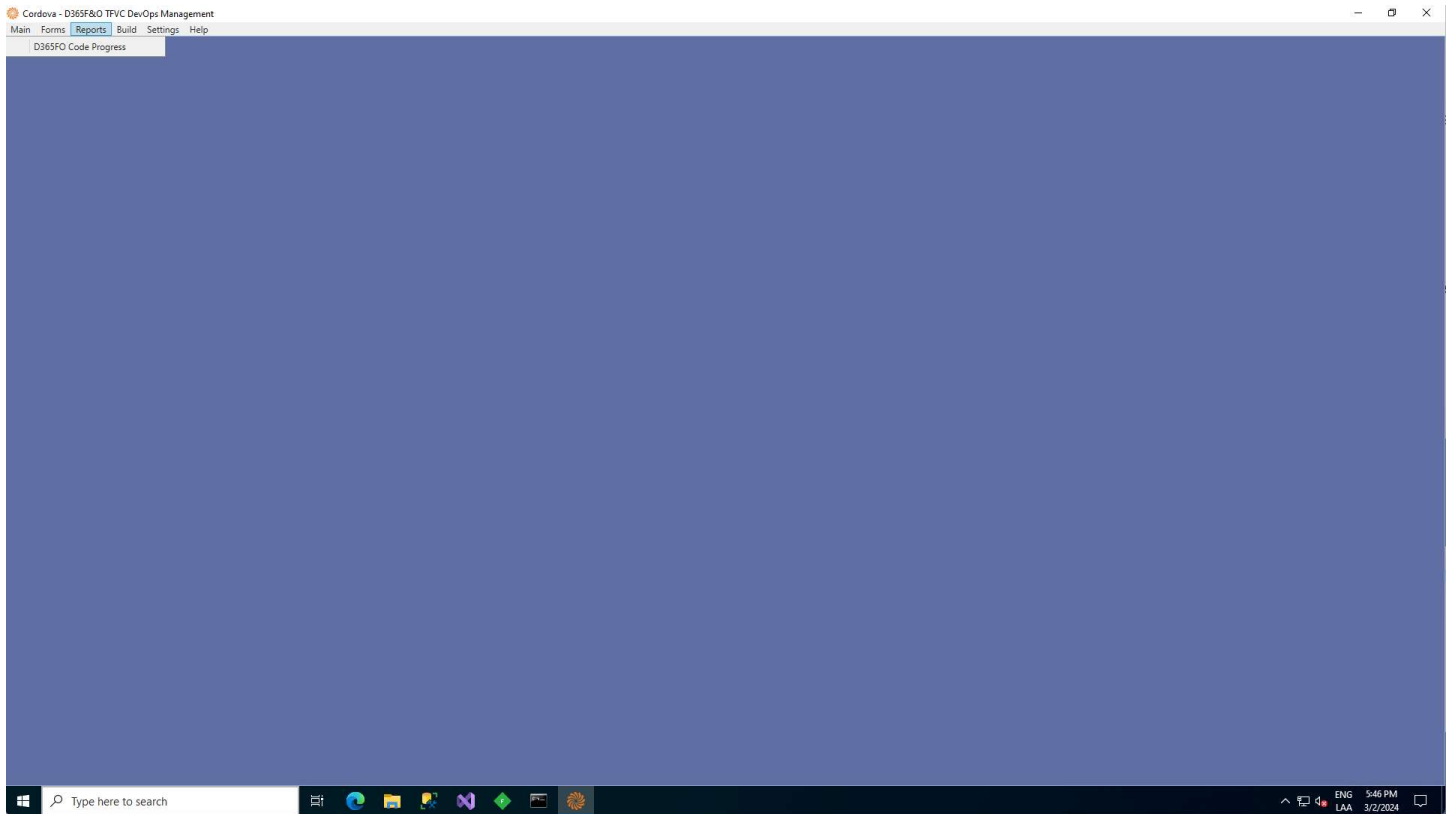
Source branch: The source branch of the merge or the branch for history.

Target branch: The destination branch. Only required for type Merge Candidates.



Cordova TFVC Management System





Once the reports have been configured, they will show up in the Reports menu.

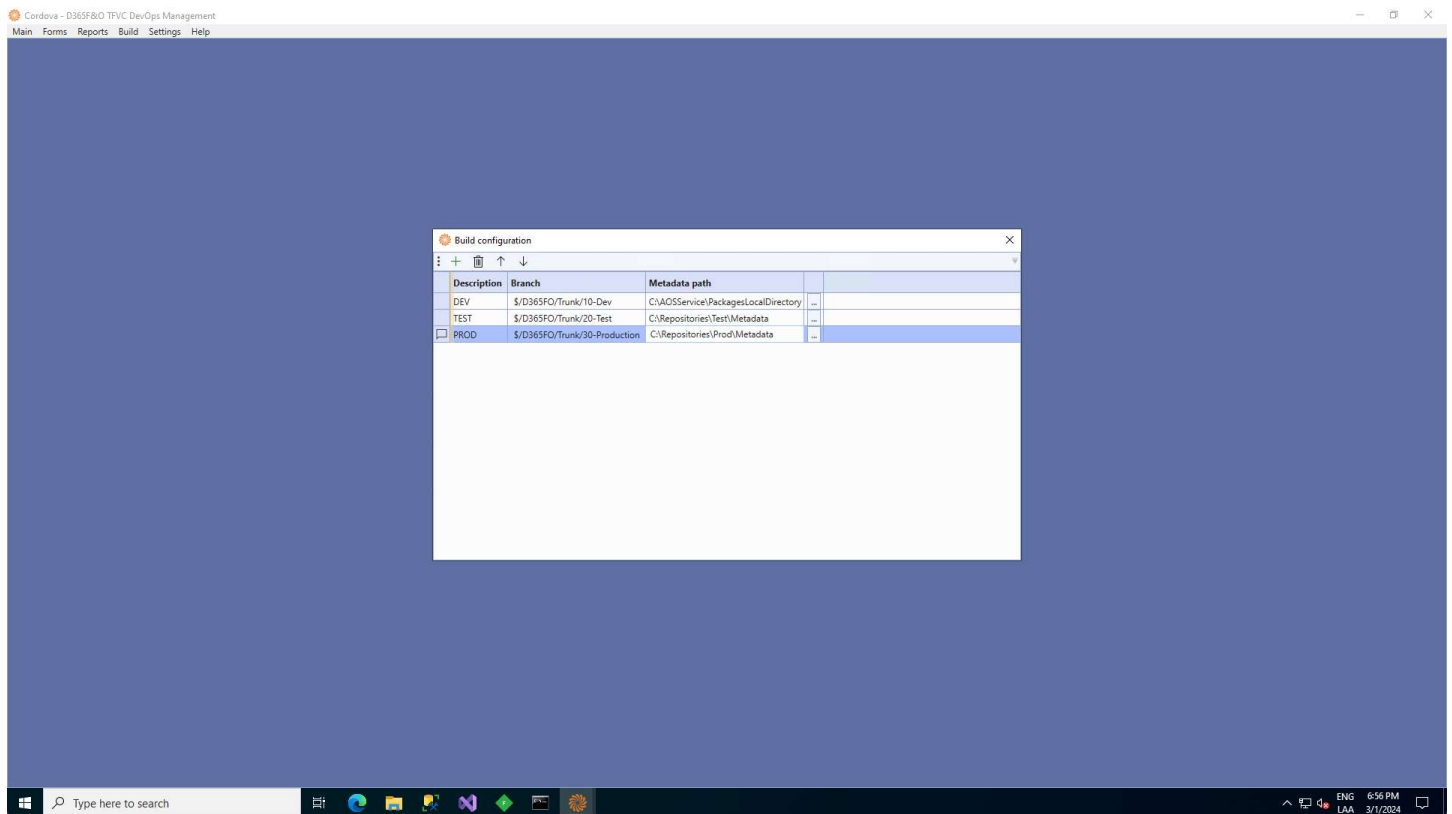


Build Configuration

After doing merge operations you can check to see if a branch is compiling correctly. You can do this for several branches using a single one-box. The build configuration allows you to specify which branches you wish to compile.

Toolbar buttons:

-  Add a build configuration line.
-  Remove a build configuration line.
-  Move line up.
-  Move line down.



Grid controls:

Description: A short description that will be visible in the top menu area.

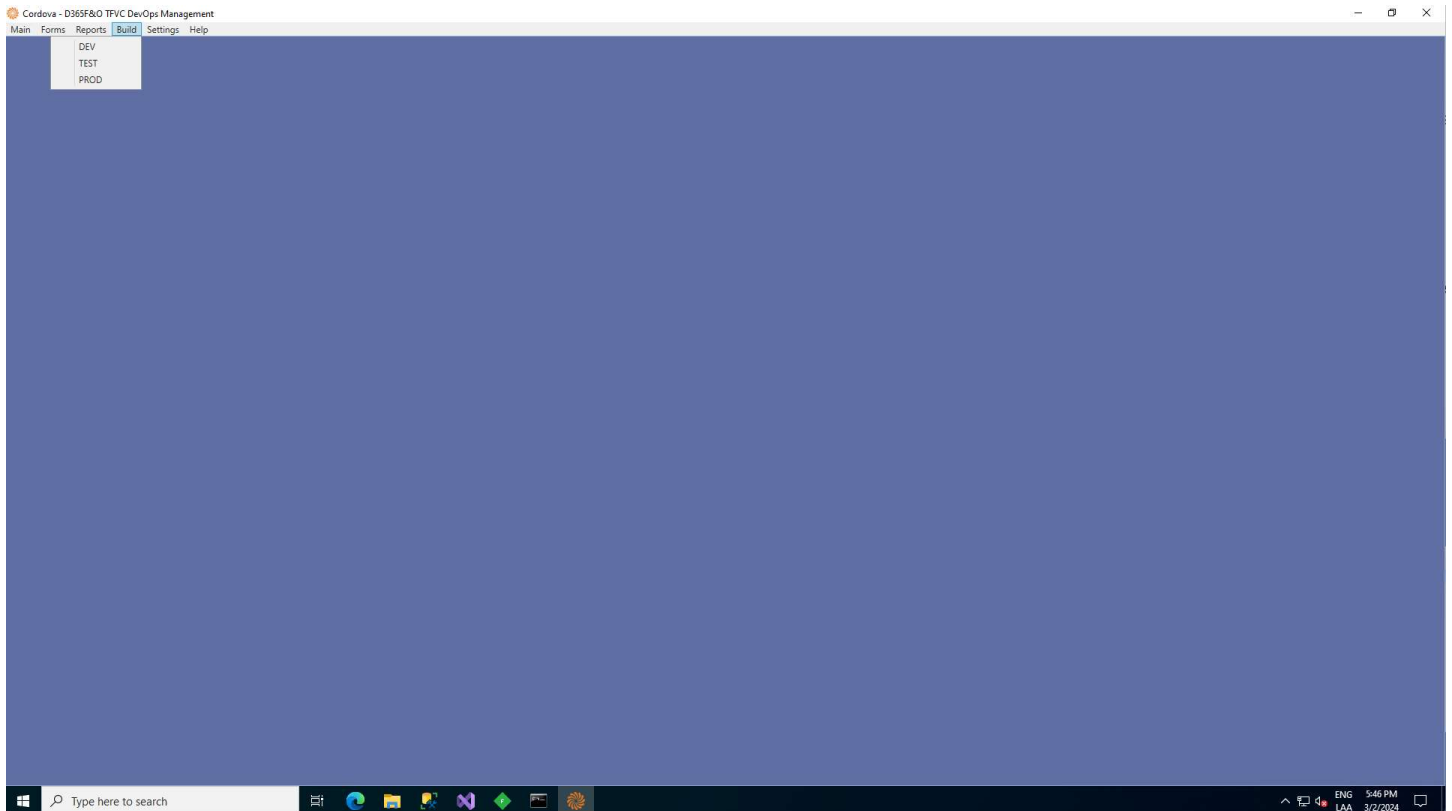
Branch: The branch that will be compiled. Note: only metadata branches can be compiled. Project branches do not contain x++ code.



Cordova TFVC Management System

Metadata path: The local path to the metadata path.

Once the builds have been configured they will show up in the Build menu.



Troubleshooting

If your Cordova instance will not start because of a configuration error, you can start the application in maintenance mode.

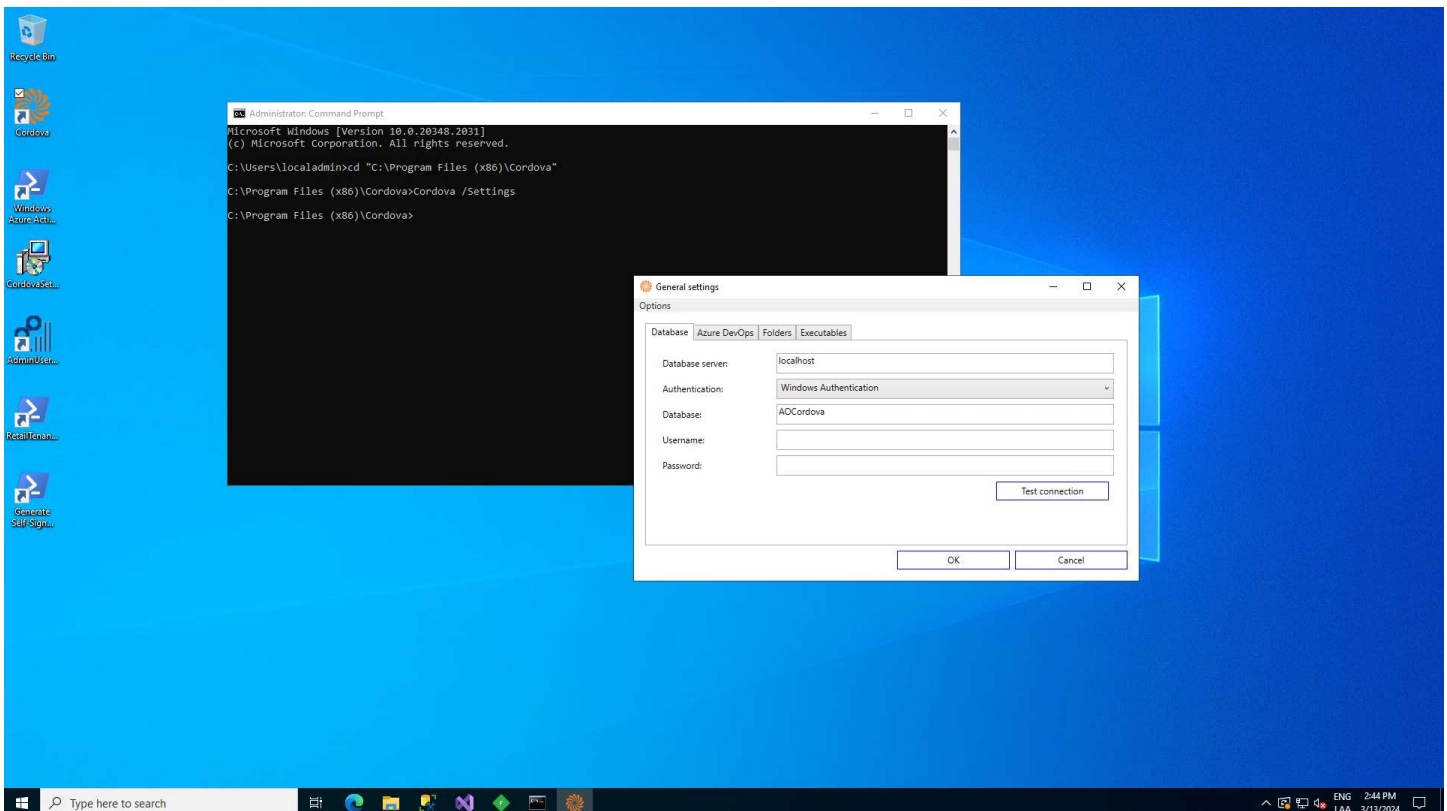
Open a command prompt with elevated privileges. Type:

cd "C:\Program Files (x86)\Cordova"

Which is generally the path to the Cordova executable, unless it was modified when installing the product. Then type:

Cordova /Settings

Cordova will then take you to the General Settings screen.










When you are finished doing the corrections you can close the dialog, all your new settings will be saved, and start Cordova.

Forms

History Forms

A history form will allow you to view the history of the changesets for a given branch and perform changes to the check in comments or change the associated Azure DevOps tasks.

Toolbar buttons:

-  Changeset properties.
-  Files in changeset.
-  Link changeset(s) to work item.
-  Rollback changesets.
-  Pending changes.
-  Copy as table.
-  Refresh

Cordova - D365F&O TFVC DevOps Management

Main Forms Reports Build Settings Help

DEV history

Work items and changesets Edit View

Changeset id	Owner	Created date time	Changeset comments	Work item id	Description	Assigned to	SME	Status	Tags
1781	john.lucas@atlantic-oak.com	2/26/2024 9:42:31 PM	4812: E-mail templates - Remove log file from Azure Storage	4812	E-mail templates	John Lucas		Closed	
1781	john.lucas@atlantic-oak.com	2/26/2024 9:28:58 PM	4826: Audit Certificate and WinFile - Clarify when logging certain types	4826	Audit Certificate and WinFile	John Lucas		Closed	
1778	john.lucas@atlantic-oak.com	2/26/2024 7:52:18 PM	4838: DaaSP 1.2.21 install	4838	DaaSP 1.2.21 install	James Mayers		Closed	
1775	john.lucas@atlantic-oak.com	2/22/2024 9:52:18 PM	4828: Create an extension on WorldFeed\connect\tracking\data - Remove the update method code	4828	Create an extension on WorldFeed\connect\tracking\data	John Lucas		Closed	
1771	john.lucas@atlantic-oak.com	2/22/2024 10:28:12 PM	4829: Log cleanup	4829	Log cleanup	John Lucas		Closed	
1769	john.lucas@atlantic-oak.com	2/24/2024 8:59:33 PM	4828: Create an extension on WorldFeed\connect\tracking\data	4828	Create an extension on WorldFeed\connect\tracking\data	John Lucas		Closed	
1761	john.lucas@atlantic-oak.com	2/19/2024 2:11:23 PM	4827: Dynamics 2017 1.1 install - Add new files	4827	Dynamics 2017 1.1 install	James Mayers		Closed	
1761	john.lucas@atlantic-oak.com	2/19/2024 2:10:48 PM	4827: Dynamics 2017 1.1 deploy - Remove 2017	4827	Dynamics 2017 1.1 deploy	James Mayers		Closed	
1761	john.lucas@atlantic-oak.com	2/19/2024 10:35:33 PM	4826: Audit Certificate and WinFile - Disable change tracking for log tables	4826	Audit Certificate and WinFile	John Lucas		Closed	
1761	john.lucas@atlantic-oak.com	2/19/2024 9:26:20 PM	4826: Audit Certificate and WinFile - Check in missing object	4826	Audit Certificate and WinFile	John Lucas		Closed	
1754	john.lucas@atlantic-oak.com	2/15/2024 9:59:42 PM	4826: Audit Certificate and WinFile	4826	Audit Certificate and WinFile	John Lucas		Closed	
1749	john.lucas@atlantic-oak.com	2/15/2024 5:29:28 PM	4825: Dynamics 2017 - Add new license file	4825	Dynamics 2017	James Mayers		Closed	
1748	john.lucas@atlantic-oak.com	2/15/2024 6:59:47 PM	4825: Dynamics 2017 - Remove old license file	4825	Dynamics 2017	James Mayers		Closed	
1739	john.lucas@atlantic-oak.com	2/12/2024 6:42:45 PM	4824: Update pipeline to include D365 F&O Enhancements	4824	Update pipeline to include D365 F&O Enhancements	James Mayers		Closed	
1732	john.lucas@atlantic-oak.com	2/12/2024 6:19:27 PM	4823: Add Dynamics 2017 files to the tree	4823	Dynamics 2017	James Mayers		Closed	
1731	john.lucas@atlantic-oak.com	2/12/2024 6:04:38 PM	4823: Remove Dynamics 2017 files	4823	Dynamics 2017	James Mayers		Closed	
1729	john.lucas@atlantic-oak.com	2/12/2024 4:58:27 PM	4819: Send purchase order as mail attachment - Order items in log by created date time descending	4819	Send purchase order as mail attachment	John Lucas		Closed	
1716	john.lucas@atlantic-oak.com	2/12/2024 7:12:32 PM	4822: DaaSP 1.2.24 install New 2023	4822	DaaSP 1.2.24 install	James Mayers		Closed	
1714	john.lucas@atlantic-oak.com	2/12/2024 4:13:32 PM	4822: Initial add of T12 files	4822	D365 F&O Enhancements	James Mayers		Closed	
1711	john.lucas@atlantic-oak.com	2/12/2024 4:46:59 PM	3846: RM and Open PO Lines Report Changes - corrected code that broke with T12.06	3846	RM and Open PO Lines Report Changes	John Lucas		Closed	
1705	john.lucas@atlantic-oak.com	2/12/2024 4:12:27 PM	4823: New mail sending system - Error handling in the send mail method	4823	New mail sending system	John Lucas		Closed	
1704	john.lucas@atlantic-oak.com	2/12/2024 2:23:27 PM	4823: New mail sending system - Solution file checker	4823	New mail sending system	John Lucas		Closed	
1702	john.lucas@atlantic-oak.com	2/12/2024 2:29:19 PM	4821: Dynamics 2017 Deploy - Catch missing files	4821	Dynamics 2017	James Mayers		Closed	
1700	john.lucas@atlantic-oak.com	2/12/2024 2:18:52 PM	1762: Send invoice as mail attachment - include new methods into controller, add pattern to form	1762	Send invoice as mail attachment	John Lucas		Closed	
1697	john.lucas@atlantic-oak.com	2/12/2024 2:04:53 PM	4821: Dynamics 2017 1.1 - Add new files	4821	Dynamics 2017 1.1	James Mayers		Closed	
1696	john.lucas@atlantic-oak.com	2/12/2024 2:02:22 PM	4821: Dynamics 2017 1.1 deploy - Remove 2017	4821	Dynamics 2017 1.1	James Mayers		Closed	
1685	john.lucas@atlantic-oak.com	2/24/2024 11:20:57 PM	4819: Add reason code to inventory adjustment report - Add role specific to the report	4819	Add reason code to inventory adjustment report	John Lucas		Closed	
1682	john.lucas@atlantic-oak.com	2/24/2024 2:15:20 PM	4797: Worker Collaboration - Use e-mail templates	4797	Worker Collaboration	John Lucas		Closed	
1681	john.lucas@atlantic-oak.com	2/24/2024 1:58:22 PM	4819: Add reason code to inventory adjustment report - include privilege and extended status	4819	Add reason code to inventory adjustment report	John Lucas		Closed	
1680	john.lucas@atlantic-oak.com	2/23/2024 5:02:02 PM	4819: Send purchase order as mail attachment - setting code using with new version	4819	Send purchase order as mail attachment	John Lucas		Closed	
1679	john.lucas@atlantic-oak.com	2/23/2024 5:21:39 PM	1762: Send invoice as mail attachment - security privilege improvement	1762	Send invoice as mail attachment	John Lucas		Closed	
1678	john.lucas@atlantic-oak.com	2/23/2024 5:19:14 PM	4819: Send purchase order as mail attachment - logging	4819	Send purchase order as mail attachment	John Lucas		Closed	
1677	john.lucas@atlantic-oak.com	2/23/2024 5:13:09 PM	1762: Send invoice as mail attachment - Added debug code	1762	Send invoice as mail attachment	John Lucas		Closed	
1676	john.lucas@atlantic-oak.com	2/23/2024 5:10:48 PM	1762: Send invoice as mail attachment - remove debug code	1762	Send invoice as mail attachment	John Lucas		Closed	
1668	john.lucas@atlantic-oak.com	2/23/2024 2:15:37 PM	4820: Dynamics Analytics Source - Add new	4820	Dynamics Analytics	James Mayers		New	
1667	john.lucas@atlantic-oak.com	2/23/2024 2:14:57 PM	4820: Dynamics Analytics Source - Deploy	4820	Dynamics Analytics	James Mayers		New	
1661	john.lucas@atlantic-oak.com	2/23/2024 9:52:37 PM	4819: Add reason code to inventory adjustment report	4819	Add reason code to inventory adjustment report	John Lucas		Closed	
1661	john.lucas@atlantic-oak.com	2/23/2024 2:34:18 PM	1762: Send invoice as mail attachment - allow business an action form to send multiple mails	1762	Send invoice as mail attachment	John Lucas		Closed	
1661	john.lucas@atlantic-oak.com	2/23/2024 2:34:18 PM	1762: Send invoice as mail attachment - setting code outside the loop as a possible fix	1762	Send invoice as mail attachment	John Lucas		Closed	

DEV history (S/HFC-D365FO/Trunk/10-Dev)



Grid columns:

Changeset Id: The id of the changeset.

Owner: username of the person that created the changeset.

Created date time: changeset creation date/time.

Changeset comments: changeset comments.

Work item id: the associated work item id.

Description: the work item description.

Assigned to: person responsible for the changeset.

SME: subject matter expert.

Status: status.

Tags: tags associated with the work item.



Grid columns:

Changeset Id: The id of the changeset.

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Work item id: the associated work item id.

Description: the work item description.

Assigned to: person responsible for the changeset.

SME: subject matter expert.

Status: status.

Tags: tags associated with the work item.

Changeset properties

Displays a right pane with the files that are contained in the changeset.

The **changeset properties** command can be invoked in history and merge candidate forms by clicking this icon:



The screenshot shows the 'DEV history' window with a table of changesets. The table has columns for 'Changeset id', 'Owner', 'Created date time', 'Changeset comments', 'Work item id', and 'Description'. The selected changeset (1677) is highlighted in blue. To the right, the 'Changeset 1677' pane shows the file structure for this changeset, including folders like '\$/HFC-D365FO/Trunk/10-Dev/Metadata/HFC/HFC/AsClass' and files like 'HFC_InvoiceEmailProcessor.xml'.

Changeset id	Owner	Created date time	Changeset comments	Work item id	Description
1782	john.luciani@hormelsofusa.com	2/28/2024 8:43:03 PM	4812 - E-mail templates - Remove log file from Azure Storage	4812	E-mail templates
1781	john.luciani@hormelsofusa.com	2/28/2024 8:28:08 PM	4838 - Audit ConfigFile and ItemState - Clarify when logging certain types	4838	Audit ConfigFile and ItemState
1778	jpayer@hormelsofusa.com	2/8/2024 7:53:18 PM	4838 - DaaSP 1.2.25 install	4838	DaaSP 1.2.25 update
1775	john.luciani@hormelsofusa.com	2/3/2024 8:03:18 PM	4838 - Create an extension on WorkflowCommentTrackingTable - Remove the update method code	4838	Create an extension on WorkflowCommentTrackingTable
1771	john.luciani@hormelsofusa.com	1/30/2024 10:28:13 PM	4838 - Log cleanup	4838	Log cleanup
1769	john.luciani@hormelsofusa.com	1/24/2024 4:08:03 PM	4838 - Create an extension on WorkflowCommentTrackingTable	4838	Create an extension on WorkflowCommentTrackingTable
1761	john.luciani@hormelsofusa.com	1/18/2024 3:51:20 PM	4837 - Dyanasy 2401.1 install - Add new files	4837	Dyanasy 2401.1 deploy
1760	john.luciani@hormelsofusa.com	1/18/2024 3:38:48 PM	4837 - Dyanasy 2401.1.2 deploy - Remove 2401	4837	Dyanasy 2401.1.2 deploy
1758	john.luciani@hormelsofusa.com	1/11/2024 10:25:03 PM	4838 - Audit ConfigFile and ItemState - Disable change tracking for log tables	4838	Audit ConfigFile and ItemState
1756	john.luciani@hormelsofusa.com	1/11/2024 9:26:20 PM	4838 - Audit ConfigFile and ItemState - Check in missing object	4838	Audit ConfigFile and ItemState
1754	john.luciani@hormelsofusa.com	1/11/2024 9:05:42 PM	4838 - Audit ConfigFile and ItemState	4838	Audit ConfigFile and ItemState
1749	jpayer@hormelsofusa.com	1/5/2024 5:01:28 PM	4825 - Dyanasy 2401 - Add new license file	4825	Dyanasy 2401 Deploy
1748	jpayer@hormelsofusa.com	1/5/2024 4:58:47 PM	4825 - Dyanasy 2401 - Remove old license file	4825	Dyanasy 2401 Deploy
1739	john.luciani@hormelsofusa.com	1/3/2024 6:42:45 PM	4838 - Remove updatable folders	4838	Remove updatable folders
1732	jpayer@hormelsofusa.com	1/3/2024 4:16:21 PM	4825 - Add Dyanasy 2401 files to the tree	4825	Dyanasy 2401 Deploy
1731	jpayer@hormelsofusa.com	1/3/2024 4:08:08 PM	4825 - Remove Dyanasy 2310 files	4825	Dyanasy 2401 Deploy
1729	john.luciani@hormelsofusa.com	12/26/2023 4:08:01 PM	4818 - Send purchase order as mail attachment - Order items in log by created date time descending	4818	Send purchase order as mail attachment
1718	jpayer@hormelsofusa.com	12/7/2023 7:53:03 PM	4822 - DaaSP 1.2.24 install Nov 2023	4822	DaaSP 1.2.24 deploy
1714	jpayer@hormelsofusa.com	12/7/2023 4:13:08 PM	4822 - Initial add of TSE files	4822	TSE Enhancement addition
1711	john.luciani@hormelsofusa.com	11/29/2023 4:48:00 PM	3848 - SW and Open PO Lines Report Changes - corrected code that broke with 10.0.26	3848	SW and Open PO Lines Report Changes
1705	john.luciani@hormelsofusa.com	11/8/2023 4:13:27 PM	4821 - New mail sending system - Error handling in the send mail method	4821	New mail sending system
1704	john.luciani@hormelsofusa.com	11/7/2023 2:23:01 PM	4821 - New mail sending system - Solution file checker	4821	New mail sending system
1702	jpayer@hormelsofusa.com	11/6/2023 7:09:19 PM	4821 - Dyanasy 2310 Deploy - Catch missing files	4821	Dyanasy 2310.1.1 deploy
1700	john.luciani@hormelsofusa.com	11/6/2023 3:28:52 PM	3762 - Send invoice as mail attachment - include two methods into controller, add pattern to form	3762	Send invoice as mail attachment
1698	jpayer@hormelsofusa.com	11/5/2023 8:04:51 PM	4821 - Dyanasy 2310.1.1 - Add new files	4821	Dyanasy 2310.1.1 deploy
1697	jpayer@hormelsofusa.com	10/31/2023 3:28:03 PM	4821 - Dyanasy 2310.1.1 deploy - Remove 2307	4821	Dyanasy 2310.1.1 deploy
1692	john.luciani@hormelsofusa.com	10/24/2023 2:15:20 PM	4819 - Add reason code to inventory adjustment report - Add role specific to the report	4819	Add reason code to inventory adjustment report
1691	john.luciani@hormelsofusa.com	10/24/2023 2:15:20 PM	4797 - Vendor Collaboration - Use e-mail templates	4797	Vendor Collaboration
1687	john.luciani@hormelsofusa.com	10/24/2023 1:58:02 PM	4819 - Add reason code to inventory adjustment report - include privilege and extended status	4819	Add reason code to inventory adjustment report
1685	john.luciani@hormelsofusa.com	10/23/2023 6:52:02 PM	4818 - Send purchase order as mail attachment - testing code comp with new version	4818	Send purchase order as mail attachment
1679	john.luciani@hormelsofusa.com	10/23/2023 5:21:08 PM	3762 - Send invoice as mail attachment - security privilege improvement	3762	Send invoice as mail attachment
1678	john.luciani@hormelsofusa.com	10/23/2023 5:19:51 PM	4818 - Send purchase order as mail attachment - logging	4818	Send purchase order as mail attachment
1677	john.luciani@hormelsofusa.com	10/19/2023 3:53:08 PM	3762 - Send invoice as mail attachment - Added debug code	3762	Send invoice as mail attachment
1676	john.luciani@hormelsofusa.com	10/13/2023 5:53:48 PM	3762 - Send invoice as mail attachment - remove debug code	3762	Send invoice as mail attachment
1668	jpayer@hormelsofusa.com	10/13/2023 1:15:51 PM	4820 - Dyanasy Analytics license - Add new	4820	Dyanasy Analytics deployment
1667	jpayer@hormelsofusa.com	10/13/2023 1:14:31 PM	4820 - Dyanasy Analytics license - deploy	4820	Dyanasy Analytics deployment
1663	john.luciani@hormelsofusa.com	10/9/2023 8:02:07 PM	4819 - Add reason code to inventory adjustment report	4819	Add reason code to inventory adjustment report
1662	john.luciani@hormelsofusa.com	10/5/2023 3:26:14 PM	3762 - Send invoice as mail attachment - Allow buttons on admin form to send multiple mails	3762	Send invoice as mail attachment

Files in changeset

Displays a simplified list of all the files in the changeset or changesets that have been selected by marking the checkbox on the left.

The **files in changeset** command can be invoked in history and merge candidate forms by clicking this icon:



Toolbar buttons:



Copy as table.

Link changeset(s) to work item

Links a changeset or changesets to an existing work item.

The **link changeset(s) to work item** command can be invoked in history and merge candidate forms by clicking this icon:

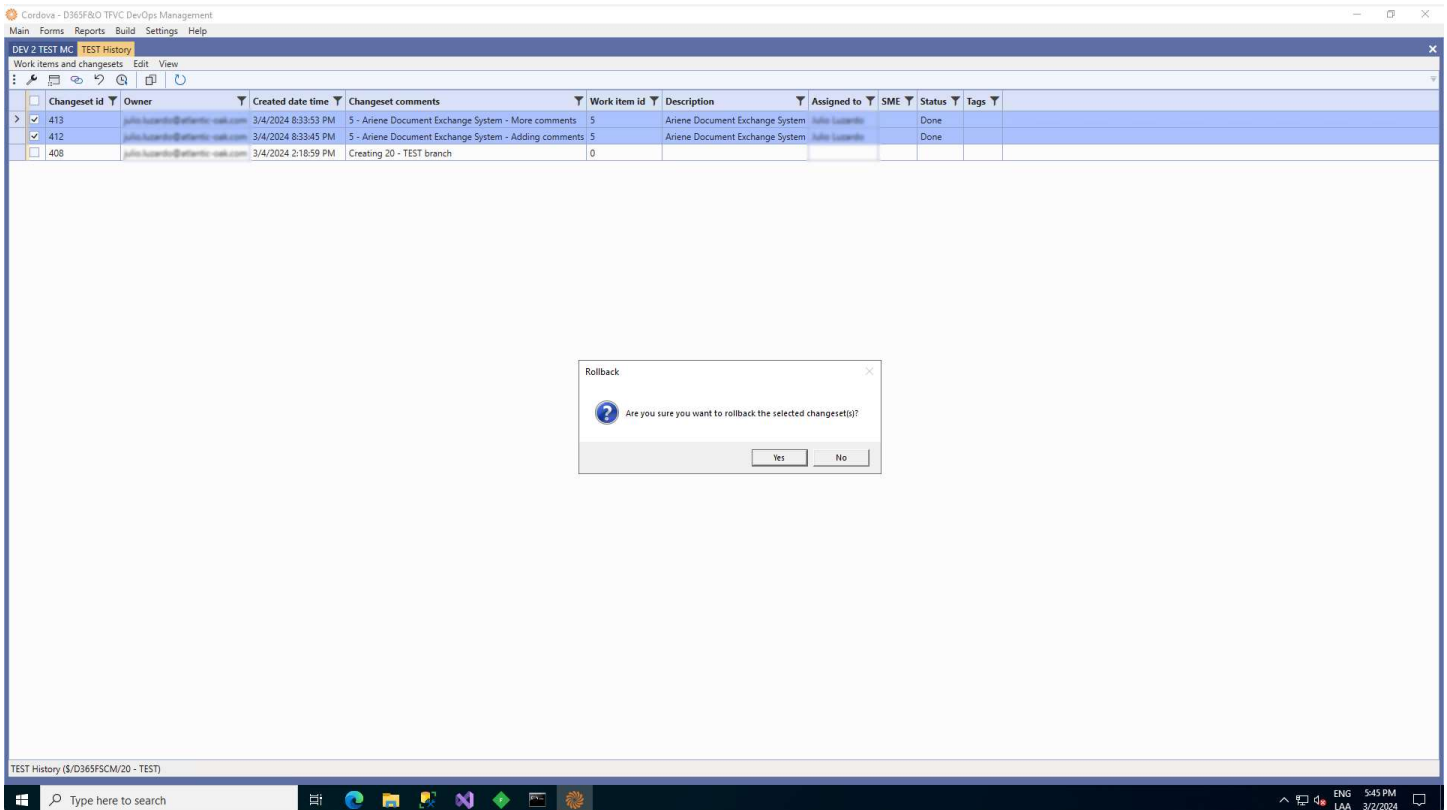


The screenshot shows the 'DEV to TEST merge candidates' window in the Cordova TFVC Management System. The window displays a table of changesets with columns for 'Changeset id', 'Owner', 'Created date time', 'Changeset comments', 'Work item id', 'Description', 'Assigned to', 'SME', 'Status', and 'Tags'. A dialog box titled 'Link changeset(s) to work item' is open in the foreground, containing a text field for 'Changeset(s) id(s):' with the value '1483,1484,1487,1739' and an empty text field for 'Work item id:'. The dialog has 'OK' and 'Cancel' buttons.

Rollback changesets

Rolls back changesets that have been selected by marking the checkbox on the left.

The **rollback changesets** command can be invoked in history forms by clicking this icon:

The screenshot shows a web application window titled 'DEV & TEST MC TEST History'. The main content is a table with the following columns: **Changeset id**, **Owner**, **Created date time**, **Changeset comments**, **Work item id**, **Description**, **Assigned to**, **SME**, **Status**, and **Tags**. Three rows are visible, with the first two rows having their checkboxes selected. A 'Rollback' dialog box is open in the center of the screen, containing a question mark icon and the text 'Are you sure you want to rollback the selected changeset(s)?'. Below the text are 'Yes' and 'No' buttons.

Changeset id	Owner	Created date time	Changeset comments	Work item id	Description	Assigned to	SME	Status	Tags
413	aj@atlantic-oak.com	3/4/2024 8:33:53 PM	5 - Ariene Document Exchange System - More comments	5	Ariene Document Exchange System	aj@atlantic-oak.com		Done	
412	aj@atlantic-oak.com	3/4/2024 8:33:45 PM	5 - Ariene Document Exchange System - Adding comments	5	Ariene Document Exchange System	aj@atlantic-oak.com		Done	
408	aj@atlantic-oak.com	3/4/2024 2:18:59 PM	Creating 20 - TEST branch	0					

Once you initiate a rollback operation, the system will prompt you to confirm the rollback of the selected changesets.



Cordova TFVC Management System

Once the rollbacks have been finished the system will show you the merge log of the operation.

The screenshot shows a web application window titled "Cordova - D365F&O TFVC DevOps Management". The main content area displays a table with the following data:

Log id	Batch id	Created date time	Source branch	Source Changeset id	Target branch	Target Changeset id	Comments	Work item id	Work item description	Merge type	Merged	Checked in
3	2	3/4/2024 8:35:32 PM	TEST	413	TEST	414	ROLLBACK CS413 - 5 - Ariene Document Exchange System - More comments	5	Ariene Document Exchange System	Rollback	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	2	3/4/2024 8:35:34 PM	TEST	412	TEST	415	ROLLBACK CS412 - 5 - Ariene Document Exchange System - Adding comments	5	Ariene Document Exchange System	Rollback	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

The system will automatically check in the comments for the rollback. A "ROLLBACK" text in capital letters followed by CS and the changeset number that was rolled back plus the original description of the changeset.

Pending changes

Displays a right pane with a hierarchical list of all the pending changes in the workspace.

The **pending changes** command can be invoked in history forms by clicking this icon:



The screenshot shows the 'DEV history' window with a table of pending changes. The table has columns for 'Changeset id', 'Owner', 'Created date time', 'Changeset comments', and 'Work item id'. A right-hand pane titled 'Pending changes | DEV' shows a hierarchical list of changes, including a folder for 'C:\Users\Admin72104631\source\repos\ADO4819_AddReasonCodeToInvAdj' and a file 'ADO4819_AddReasonCodeToInvAdj.sln'.

Changeset id	Owner	Created date time	Changeset comments	Work item id
1789	john.luciani@thornettfoodcompany.com	2/28/2024 6:40:23 PM	4812 - E-mail templates - Remove log file from Azure Storage	4812
1791	john.luciani@thornettfoodcompany.com	2/28/2024 6:28:08 PM	4828 - Audit CurfTable and NewState - Clarify when logging certain types	4828
1776	prayer@thornettfoodcompany.com	2/9/2024 7:02:18 PM	4830 DnsdP 1.2.25 install	4830
1775	john.luciani@thornettfoodcompany.com	2/10/2024 8:02:18 PM	4828 - Create an extension on WorkflowCommentTrackingTable - Remove the update method code	4828
1771	john.luciani@thornettfoodcompany.com	1/30/2024 10:39:13 PM	4828 - Log cleanup	4828
1789	john.luciani@thornettfoodcompany.com	1/24/2024 4:09:23 PM	4828 - Create an extension on WorkflowCommentTrackingTable	4828
1781	john.luciani@thornettfoodcompany.com	1/16/2024 3:11:20 PM	4827 DnsdP 1.2.25 install - Add new file	4827
1782	john.luciani@thornettfoodcompany.com	1/16/2024 3:08:48 PM	4827 DnsdP 1.2.25 deploy - Remove 2807	4827
1792	john.luciani@thornettfoodcompany.com	1/11/2024 10:25:02 PM	4828 - Audit CurfTable and NewState - Disable change tracking for log tables	4828
1794	john.luciani@thornettfoodcompany.com	1/11/2024 9:26:20 PM	4828 - Audit CurfTable and NewState - Check in missing object	4828
1794	john.luciani@thornettfoodcompany.com	1/11/2024 9:05:42 PM	4828 - Audit CurfTable and NewState	4828
1749	prayer@thornettfoodcompany.com	1/5/2024 5:01:28 PM	4825 DnsdP 1.2.25 - Add new license file	4825
1748	prayer@thornettfoodcompany.com	1/5/2024 4:59:47 PM	4825 DnsdP 1.2.25 - Remove old license file	4825
1739	john.luciani@thornettfoodcompany.com	1/2/2024 9:42:45 PM	4824 - Remove application folders	4824
1732	prayer@thornettfoodcompany.com	1/2/2024 4:16:21 PM	4825 - Add DnsdP 1.2.25 file to the tree	4825
1731	prayer@thornettfoodcompany.com	1/2/2024 4:04:08 PM	4825 - Remove DnsdP 1.2.25 file	4825
1729	john.luciani@thornettfoodcompany.com	12/26/2023 4:36:37 PM	4819 - Send purchase order as mail attachment - Order items in log by created date time descending	4819
1716	prayer@thornettfoodcompany.com	12/7/2023 7:02:02 PM	4822 DnsdP 1.2.24 install Nov 2023	4822
1714	prayer@thornettfoodcompany.com	12/7/2023 4:13:20 PM	4822 Initial add of TUI files	4822
1711	john.luciani@thornettfoodcompany.com	11/29/2023 4:46:00 PM	3846 - Hit and Open PD Lines Report Changes - corrected code that broke with 10.0.38	3846
1705	john.luciani@thornettfoodcompany.com	11/8/2023 9:13:27 PM	4823 - New mail sending system - Error handling in the send mail method	4823
1704	john.luciani@thornettfoodcompany.com	11/7/2023 2:23:31 PM	4823 - New mail sending system - Solution file checker	4823
1702	prayer@thornettfoodcompany.com	11/6/2023 7:39:19 PM	4821 DnsdP 1.2.24 Deploy - Catch missing files	4821
1700	john.luciani@thornettfoodcompany.com	11/6/2023 3:38:52 PM	3762 - Send invoice as mail attachment - include two methods into controller, add pattern to form	3762
1887	prayer@thornettfoodcompany.com	11/5/2023 8:04:52 PM	4821 - DnsdP 1.2.24 1.1 - Add new file	4821
1886	prayer@thornettfoodcompany.com	10/31/2023 3:28:23 PM	4821 - DnsdP 1.2.24 1.1 deploy - Remove 2807	4821
1882	john.luciani@thornettfoodcompany.com	10/24/2023 11:20:57 PM	4819 - Add reason code to inventory adjustment report - Add role specific to the report	4819
1882	john.luciani@thornettfoodcompany.com	10/24/2023 2:13:20 PM	4787 - Vendor Collaboration - Use e-mail templates	4787
1881	john.luciani@thornettfoodcompany.com	10/24/2023 1:58:32 PM	4819 - Add reason code to inventory adjustment report - include privilege and extended status	4819
1880	john.luciani@thornettfoodcompany.com	10/23/2023 6:52:02 PM	4819 - Send purchase order as mail attachment - testing code comp with new version	4819
1879	john.luciani@thornettfoodcompany.com	10/23/2023 5:21:39 PM	3762 - Send invoice as mail attachment - security privilege improvement	3762
1878	john.luciani@thornettfoodcompany.com	10/23/2023 5:18:51 PM	4819 - Send purchase order as mail attachment - Logging	4819
1877	john.luciani@thornettfoodcompany.com	10/19/2023 3:53:09 PM	3762 - Send invoice as mail attachment - Added debug code	3762
1876	john.luciani@thornettfoodcompany.com	10/13/2023 5:03:48 PM	3762 - Send invoice as mail attachment - remove debug code	3762
1868	prayer@thornettfoodcompany.com	10/13/2023 1:15:31 PM	4820 DnsdP Analytics license - Add new	4820
1867	prayer@thornettfoodcompany.com	10/13/2023 1:14:31 PM	4820 DnsdP Analytics license deploy	4820
1865	john.luciani@thornettfoodcompany.com	10/8/2023 9:02:37 PM	4819 - Add reason code to inventory adjustment report	4819
1863	john.luciani@thornettfoodcompany.com	10/5/2023 3:36:14 PM	3762 - Send invoice as mail attachment - Allow buttons on add form to send multiple mails	3762

Copy as table

Copies an HTML table representation of the changesets that have been selected by marking the checkbox on the left. Useful for communicating code promotions to your team as the HTML table can be pasted into e-mails.

The **copy as table** command can be invoked in several types of forms forms by clicking this icon:



The screenshot shows an Outlook email window titled "Test deployment - Message (HTML)". The email content includes a table of changesets:

Log id	Batch id	Created date time	Source branch	Source changeset id	Target branch	Target changeset id	Comments	Work item id	Work item description	Merge type
6025	22	10/04/23 14:16:23	DEV	1661	TEST	1662	3762 - Send invoice as mail attachment - Taking code outside the loop as a possible fix	3762	Send invoice as mail attachment	Merge
7025	23	10/05/23 15:37:21	DEV	1663	TEST	1664	3762 - Send invoice as mail attachment - Allow buttons on admin form to send multiple mails	3762	Send invoice as mail attachment	Merge
8025	24	10/10/23 21:56:27	DEV	1665	TEST	1666	4819 - Add reason code to inventory adjustment report	4819	Add reason code to inventory adjustment report	Merge

Below the table, the email signature reads: "Best Regards, Julio Luzardo" followed by the Boötes logo and contact information: "10685 Hazelhurst Drive Suite 826424 Houston, Texas 77043 O: +1 (470) 582-0912 Ext. 456 M: +1 (470) 552-0002 http://www.bootes.co".

Preview merge script

Allows you to preview a TF.exe merge and check in script that you can copy or save. Useful if you want to run the script using TF.exe.

The **preview merge script** command can be invoked in merge candidate forms by clicking this icon:



```
1 cd "C:\Repositories\20-Test"
2 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" merge /recursive /version:C1432-C1433 "$HFC-D365FO\Trunk\10-Dev" "$HFC-D365FO\Trunk\20-Test"
3 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" checkin "C:\Repositories\20-Test" /comment:"2020 Upgrade" /recursive /noprompt
4 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" merge /recursive /version:C1481-C1482 "$HFC-D365FO\Trunk\10-Dev" "$HFC-D365FO\Trunk\20-Test"
5 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" checkin "C:\Repositories\20-Test" /comment:"2020PS rollback 1507" /recursive /noprompt
6 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" merge /recursive /version:C1482-C1483 "$HFC-D365FO\Trunk\10-Dev" "$HFC-D365FO\Trunk\20-Test"
7 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" checkin "C:\Repositories\20-Test" /comment:"4767 - Vendor Collaboration - label file check in" /recursive /noprompt
8 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" merge /recursive /version:C1483-C1484 "$HFC-D365FO\Trunk\10-Dev" "$HFC-D365FO\Trunk\20-Test"
9 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" checkin "C:\Repositories\20-Test" /comment:"2020PS rollback 1507, rollback labels" /recursive /noprompt
10 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" merge /recursive /version:C1484-C1485 "$HFC-D365FO\Trunk\10-Dev" "$HFC-D365FO\Trunk\20-Test"
11 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" checkin "C:\Repositories\20-Test" /comment:"4767 - Vendor Collaboration - checkin in label file" /recursive /noprompt
12 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" merge /recursive /version:C1487-C1488 "$HFC-D365FO\Trunk\10-Dev" "$HFC-D365FO\Trunk\20-Test"
13 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" checkin "C:\Repositories\20-Test" /comment:"4891 - Dynamic 2024.1.3 update - Remove old version"
14 " /recursive /noprompt
15 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" merge /recursive /version:C1739-C1740 "$HFC-D365FO\Trunk\10-Dev" "$HFC-D365FO\Trunk\20-Test"
16 "C:\Program Files (x86)\Microsoft Visual Studio\2019\Professional\Common7\IDE\CommonExtensions\Microsoft\TeamFoundation\Team Explorer\TF.exe" checkin "C:\Repositories\20-Test" /comment:"4824 - Remove apprelated folders" /recursive /noprompt
17
```

Merge

Allows you to quickly merge and check in a changeset or several changesets at once.

The **merge** command can be invoked in merge candidate forms by clicking this icon:



The screenshot shows the 'DEV 2 TEST Merge Candidates' window. The table lists various changesets with columns for 'Changeset id', 'Owner', 'Created date time', 'Changeset comments', 'Work item id', 'Description', 'Assigned to', 'SME', 'Status', and 'Tags'. A 'Merge' dialog box is open over the table, asking 'Are you sure you want to merge the selected changesets?' with 'Yes' and 'No' buttons.

Changeset id	Owner	Created date time	Changeset comments	Work item id	Description	Assigned to	SME	Status	Tags
471		3/10/2024 2:58:14 PM	5 - Ariene Document Exchange System - Create workflows that execute immediately upon triggering events.	5	Ariene Document Exchange System			Done	
470		3/10/2024 2:57:38 PM	5 - Ariene Document Exchange System - Restrict access to specific fields based on user roles.	5	Ariene Document Exchange System			Done	
469		3/10/2024 2:56:40 PM	5 - Ariene Document Exchange System - Retrieve data using FetchXML queries.	5	Ariene Document Exchange System			Done	
468		3/10/2024 2:55:31 PM	3 - Cordova - Define new entities to store custom data.	3	Cordova			Done	
467		3/10/2024 2:54:48 PM	5 - Ariene Document Exchange System - Modify existing business process flows to match business requirements.	5	Ariene Document Exchange System			Done	
466		3/10/2024 2:50:30 PM	3 - Cordova - Modify the layout and behavior of entity forms using the form designer.	3	Cordova			Done	
465		3/10/2024 2:49:22 PM	3 - Cordova - Add custom buttons to the ribbon for specific actions.	3	Cordova			Done	
464		3/10/2024 2:48:44 PM	5 - Ariene Document Exchange System - Develop custom reports using SQL Server Reporting Services (SSRS).	5	Ariene Document Exchange System			Done	
463		3/10/2024 2:47:56 PM	5 - Ariene Document Exchange System - Modify system views to display relevant data.	5	Ariene Document Exchange System			Done	
462		3/10/2024 2:46:58 PM	3 - Cordova - Customize the web client using JavaScript and HTML.	3	Cordova			Done	
461		3/10/2024 2:46:17 PM	5 - Ariene Document Exchange System - Validate data before saving records.	5	Ariene Document Exchange System			Done	
460		3/10/2024 2:45:23 PM	3 - Cordova - Use Azure Logic Apps, Functions, or Service Bus for integration.	3	Cordova			Done	
459		3/10/2024 2:44:02 PM	3 - Cordova - Add JavaScript code to forms for client-side logic.	3	Cordova			Done	
458		3/10/2024 2:43:10 PM	5 - Ariene Document Exchange System - Develop custom workflows for specific scenarios.	5	Ariene Document Exchange System			Done	
457		3/10/2024 2:42:16 PM	5 - Ariene Document Exchange System - Define ownership and sharing rules.	5	Ariene Document Exchange System			Done	
456		3/10/2024 2:41:26 PM	3 - Cordova - Design and configure business process flows.	3	Cordova			Done	
455		3/10/2024 2:40:42 PM	5 - Ariene Document Exchange System - Write plugins to extend system capabilities.	5	Ariene Document Exchange System			Done	
454		3/10/2024 2:39:51 PM	5 - Ariene Document Exchange System - Define custom actions for records.	5	Ariene Document Exchange System			Done	
453		3/10/2024 2:11:51 PM	5 - Ariene Document Exchange System - Organize users into groups.	5	Ariene Document Exchange System			Done	
452		3/10/2024 2:11:02 PM	5 - Ariene Document Exchange System - Arrange navigation pane items.	5	Ariene Document Exchange System			Done	
451		3/10/2024 2:10:10 PM	5 - Ariene Document Exchange System - Connect Dynamics 365 to external systems.	5	Ariene Document Exchange System			Done	
450		3/10/2024 2:09:26 PM	3 - Cordova - Design personalized views and dashboards for users.	3	Cordova			Done	
449		3/10/2024 2:08:32 PM	5 - Ariene Document Exchange System - Define business rules to enforce data validation and logic.	5	Ariene Document Exchange System			Done	
448		3/10/2024 2:04:02 PM	5 - Ariene Document Exchange System - Set up email templates for communication.	5	Ariene Document Exchange System			Done	
447		3/10/2024 2:02:36 PM	5 - Ariene Document Exchange System - Set up parent-child relationships for security.	5	Ariene Document Exchange System			Done	
446		3/10/2024 2:01:45 PM	3 - Cordova - Design and configure business process flows for guided user interactions.	3	Cordova			Done	
445		3/10/2024 2:00:43 PM	5 - Ariene Document Exchange System - Configure lookup fields to display related records.	5	Ariene Document Exchange System			Done	
444		3/10/2024 1:59:21 PM	5 - Ariene Document Exchange System - Create custom reports using FetchXML queries.	5	Ariene Document Exchange System			Done	
443		3/10/2024 1:58:06 PM	5 - Ariene Document Exchange System - Automate processes using Power Automate.	5	Ariene Document Exchange System			Done	
442		3/10/2024 1:55:06 AM	3 - Cordova - Define custom actions to perform specific tasks.	3	Cordova			Done	
441		3/10/2024 11:53:00 AM	5 - Ariene Document Exchange System - Design a custom workflow to automate business processes.	5	Ariene Document Exchange System			Done	
440		3/10/2024 11:47:09 AM	5 - Ariene Document Exchange System - Prevent duplicate records.	5	Ariene Document Exchange System			Done	
439		3/10/2024 11:45:20 AM	5 - Ariene Document Exchange System - Develop plugins for data synchronization.	5	Ariene Document Exchange System			Done	
438		3/10/2024 11:36:58 AM	3 - Cordova - Enable auditing and track changes to records.	3	Cordova			Done	
437		3/10/2024 11:35:32 AM	5 - Ariene Document Exchange System - Modify quick create forms for efficiency.	5	Ariene Document Exchange System			Done	
436		3/10/2024 11:33:55 AM	5 - Ariene Document Exchange System - Define multi-select fields.	5	Ariene Document Exchange System			Done	
435		3/10/2024 11:32:31 AM	3 - Cordova - Set up security roles and configure access rights.	3	Cordova			Done	
434		3/10/2024 11:31:21 AM	3 - Cordova - Use web services or custom connectors to integrate with other applications.	3	Cordova			Done	
433		3/10/2024 11:28:08 AM	5 - Ariene Document Exchange System - Design mobile-friendly forms.	5	Ariene Document Exchange System			Done	

The system will prompt you: **“Are you sure you want to merge the selected changesets?”**.

Cordova TFVC Management System

If the system detects a conflict during the merge, you will be presented with this screen.

Origin changeset	Destination changeset	Suggested action	File name	Server path
441	408	Keep origin file	AODXSendFileInfo.xml	\$/D365FSCM/20 - TEST/Main/Metadata/ATLODEX/ATLODEX/Av/Class/

It will suggest which file to keep and mark the corresponding button in green. You can also click on the **View the differences** button or use a merge tool to do a three-way merge (Merge changes in merge tool).



Cordova TFVC Management System

Once the operation has completed successfully you will be presented with a merge log screen.

Cordova - D365F&O TFVC DevOps Management

Main Forms Reports Build Settings Help

DEV 2 TEST Merge Candidates Merge log

Log id	Batch id	Created date time	Source branch	Source Changeset id	Target branch	Target Changeset id	Comments	Work item id	Work item description	Merge type	Merged	Checked in
1004	7	3/10/2024 3:29:34 PM	DEV	441		472	5 - Ariene Document Exchange System - Design a custom workflow to automate business processes.	5	Ariene Document Exchange System	Merge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1005	7	3/10/2024 3:29:37 PM	DEV	445		473	5 - Ariene Document Exchange System - Configure lookup fields to display related records.	5	Ariene Document Exchange System	Merge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1006	7	3/10/2024 3:29:40 PM	DEV	446		474	3 - Cordova - Design and configure business process flows for guided user interactions.	3	Cordova	Merge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1007	7	3/10/2024 3:29:44 PM	DEV	448		475	5 - Ariene Document Exchange System - Set up email templates for communication.	5	Ariene Document Exchange System	Merge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1008	7	3/10/2024 3:29:46 PM	DEV	450		476	3 - Cordova - Design personalized views and dashboards for users.	3	Cordova	Merge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1009	7	3/10/2024 3:29:49 PM	DEV	453		477	5 - Ariene Document Exchange System - Organize users into business units and teams.	5	Ariene Document Exchange System	Merge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1010	7	3/10/2024 3:29:53 PM	DEV	461		478	5 - Ariene Document Exchange System - Validate data before saving records.	5	Ariene Document Exchange System	Merge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1011	7	3/10/2024 3:29:55 PM	DEV	465		479	3 - Cordova - Add custom buttons to the ribbon for specific actions	3	Cordova	Merge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1012	7	3/10/2024 3:29:58 PM	DEV	466		480	3 - Cordova - Modify the layout and behavior of entity forms using the form designer.	3	Cordova	Merge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1013	7	3/10/2024 3:30:01 PM	DEV	469		481	5 - Ariene Document Exchange System - Retrieve data using FetchXML queries.	5	Ariene Document Exchange System	Merge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

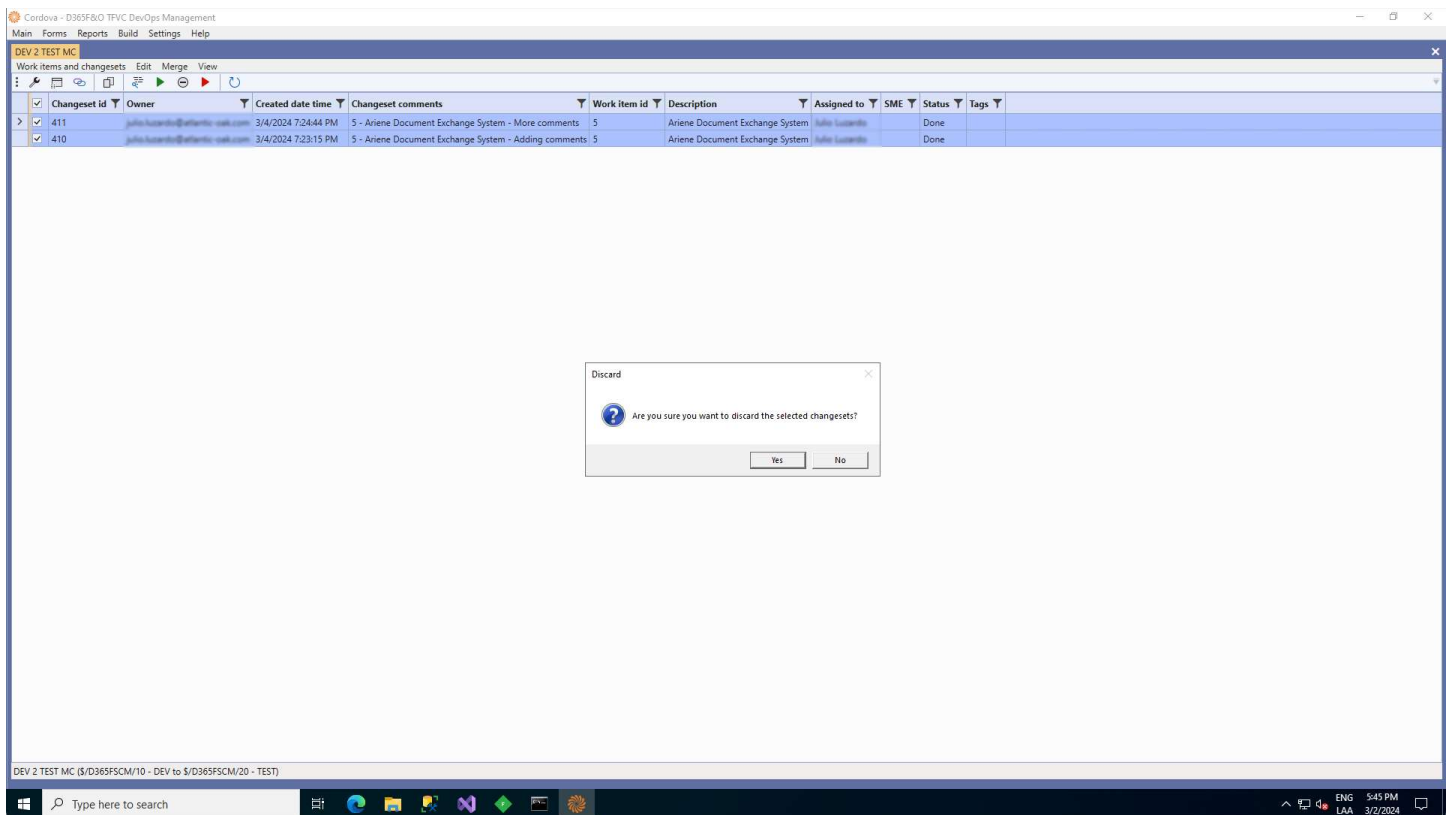
Type here to search

ENG 3:30 PM
LAA 3/10/2024

Remove changeset(s) from list

Removes the marked changesets from the merge candidates list.

The **remove changeset(s) from list** command can be invoked in merge candidate forms by clicking this icon:

The screenshot shows a web application window titled 'Cordova - D365F8/O TFVC DevOps Management'. The main content area displays a table with the following data:

Changeset id	Owner	Created date time	Changeset comments	Work item id	Description	Assigned to	SME	Status	Tags
411	julio.luciani@atlantic-oak.com	3/4/2024 7:24:44 PM	5 - Ariene Document Exchange System - More comments	5	Ariene Document Exchange System	Julio Luciani	Julio Luciani	Done	
410	julio.luciani@atlantic-oak.com	3/4/2024 7:23:15 PM	5 - Ariene Document Exchange System - Adding comments	5	Ariene Document Exchange System	Julio Luciani	Julio Luciani	Done	

A 'Discard' dialog box is overlaid on the table, containing the text: 'Are you sure you want to discard the selected changesets?'. The dialog has 'Yes' and 'No' buttons.

The system will prompt you: **“Are you sure you want to discard the selected changesets?”**.



Cordova TFVC Management System

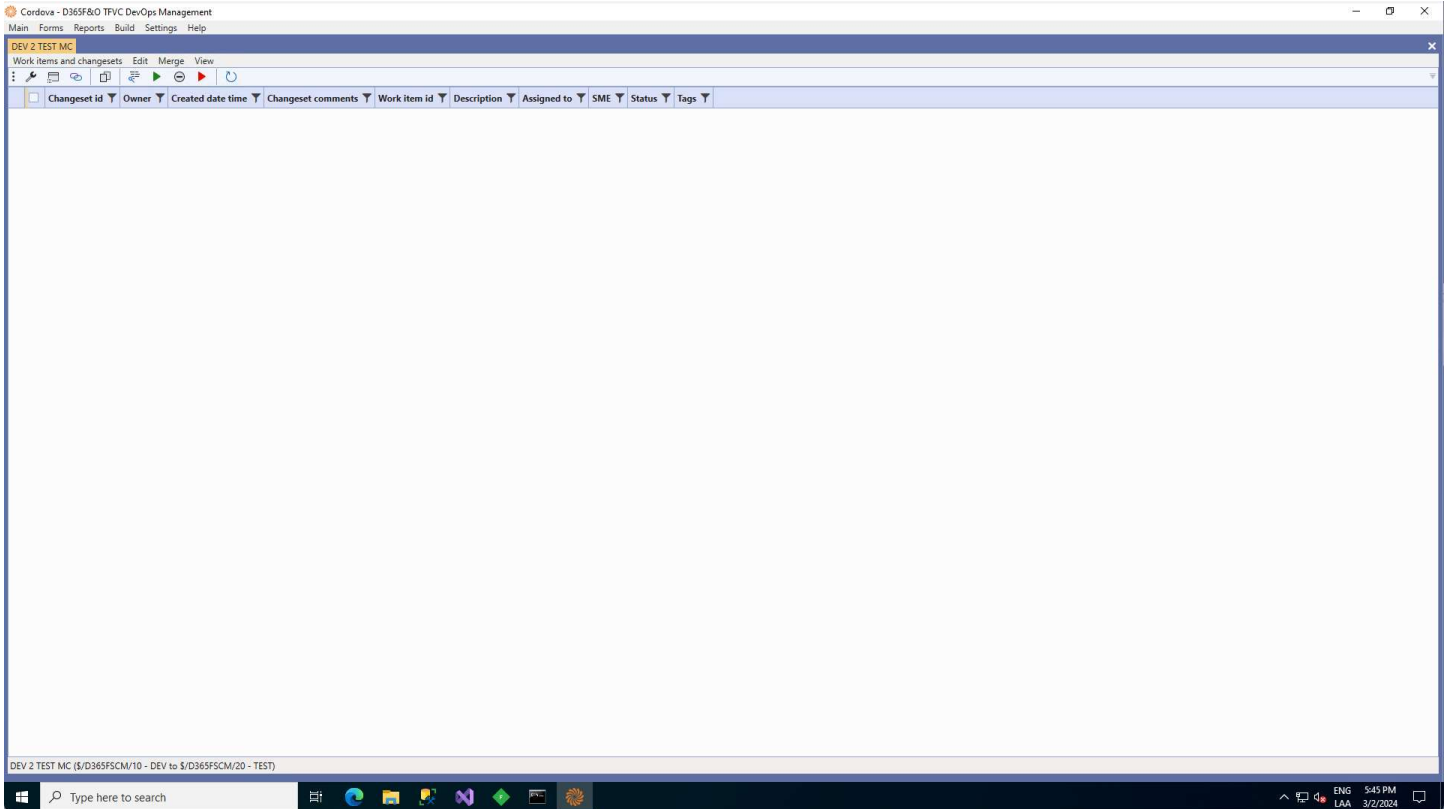
Once the operation has completed successfully you will be presented with a merge log screen.

Log id	Batch id	Created date time	Source branch	Source Changeset id	Target branch	Target Changeset id	Comments	Work item id	Work item description	Merge type	Merged	Checked in
5	3	3/4/2024 9:24:33 PM	DEV	410	TEST	416	DISCARDED CS410 - 5 - Ariene Document Exchange System - Adding comments	5	Ariene Document Exchange System	Discard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	3	3/4/2024 9:24:35 PM	DEV	411	TEST	417	DISCARDED CS411 - 5 - Ariene Document Exchange System - More comments	5	Ariene Document Exchange System	Discard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



Cordova TFVC Management System

You can check the merge candidates screen and verify that your changesets are no longer in the list.



Force merge

Force merges the changesets that are marked. A force merge can be used to promote changesets that have been discarded. Force merge is available from the merge log and is also available from any merge candidates form.

The **force merge** command can be invoked in merge candidate forms and the merge log by clicking this icon:



Log id	Batch id	Created date time	Source branch	Source Changeset id	Target branch	Target Changeset id	Comments	Work item id	Work item description	Merge type	Merged	Checked in
1	1	3/4/2024 8:33:39 PM	DEV	410		412	5 - Ariene Document Exchange System - Adding comments	5	Ariene Document Exchange System	Merge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	1	3/4/2024 8:33:51 PM	DEV	411		413	5 - Ariene Document Exchange System - More comments	5	Ariene Document Exchange System	Merge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	2	3/4/2024 8:35:32 PM	TEST	413		414	ROLLBACK CS413 - 5 - Ariene Document Exchange System - More comments	5	Ariene Document Exchange System	Rollback	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	2	3/4/2024 8:35:34 PM	TEST	412		415	ROLLBACK CS412 - 5 - Ariene Document Exchange System - Adding comments	5	Ariene Document Exchange System	Rollback	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	3	3/4/2024 9:24:33 PM	DEV	410		416	DISCARDED CS410 - 5 - Ariene Document Exchange System - Adding comments	5	Ariene Document Exchange System	Discard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	3	3/4/2024 9:24:35 PM	DEV	411		417	DISCARDED CS411 - 5 - Ariene Document Exchange System - More comments	5	Ariene Document Exchange System	Discard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	4	3/5/2024 9:09:11 AM	DEV	410		419	DISCARDED CS410 - 5 - Ariene Document Exchange System - Adding comments (forced)	5	Ariene Document Exchange System	Force	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8	4	3/5/2024 9:09:14 AM	DEV	411		420	DISCARDED CS411 - 5 - Ariene Document Exchange System - More comments (forced)	5	Ariene Document Exchange System	Force	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

The system will prompt you to confirm that you want to force merge the marked changesets.



Cordova TFVC Management System

Cordova - D365F&O TFVC Dev/Ops Management
Main Forms Reports Build Settings Help

Merge log Merge log

Edit Merge

Log id	Batch id	Created date time	Source branch	Source Changeset id	Target branch	Target Changeset id	Comments	Work item id	Work item description	Merge type	Merged	Checked in
7	4	3/5/2024 9:09:11 AM	DEV	410		419	DISCARDED CS410 - 5 - Ariene Document Exchange System - Adding comments (forced)	5	Ariene Document Exchange System	Force	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8	4	3/5/2024 9:09:14 AM	DEV	411		420	DISCARDED CS411 - 5 - Ariene Document Exchange System - More comments (forced)	5	Ariene Document Exchange System	Force	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

After the force merge is complete the system will bring up a merge log window with the resulting operation.



Cordova TFVC Management System

Cordova - D365F&O TFVC Dev-Ops Management

Main Forms Reports Build Settings Help

TEST History

Work items and changesets Edit View

Changeseid id	Owner	Created date time	Changeset comments	Work item id	Description	Assigned to	SME	Status	Tags
420		3/5/2024 9:09:14 AM	DISCARDED CS:411 - 5 - Ariene Document Exchange System - More comments (forced)	5	Ariene Document Exchange System			Done	
419		3/5/2024 9:09:11 AM	DISCARDED CS:410 - 5 - Ariene Document Exchange System - Adding comments (forced)	5	Ariene Document Exchange System			Done	
417		3/4/2024 9:24:34 PM	DISCARDED CS:411 - 5 - Ariene Document Exchange System - More comments	5	Ariene Document Exchange System			Done	
416		3/4/2024 9:24:32 PM	DISCARDED CS:410 - 5 - Ariene Document Exchange System - Adding comments	5	Ariene Document Exchange System			Done	
415		3/4/2024 8:35:31 PM	ROLLBACK CS:412 - 5 - Ariene Document Exchange System - Adding comments	5	Ariene Document Exchange System			Done	
414		3/4/2024 8:35:31 PM	ROLLBACK CS:413 - 5 - Ariene Document Exchange System - More comments	5	Ariene Document Exchange System			Done	
413		3/4/2024 8:33:53 PM	5 - Ariene Document Exchange System - More comments	5	Ariene Document Exchange System			Done	
412		3/4/2024 8:33:45 PM	5 - Ariene Document Exchange System - Adding comments	5	Ariene Document Exchange System			Done	
408		3/4/2024 2:18:59 PM	Creating 20 - TEST branch	0					

TEST History (\$/D365FSCM/20 - TEST)

Type here to search

ENG 3:45 PM
LAA 3/2/2024

If you decide to promote changesets after they have been discarded, this is the way to do so.

Reports

Cordova can produce excel reports that contain a snapshot of the history and merge candidates of the repositories in your system. Team members that do not have access to Visual Studio or Cordova, can use them to determine the promotions that have taken place or should take place.

History Tabs

A history tab will show the complete history for a repository.

ID	Changese User	Date	Changese comment	Status	Tags	Assigned TSME #1	Work Item Work Item Description
1783	julio.luzardo	2/28/2024	4822 E-mail templates - Remove temp file from Azure Storage	Closed		Julio Luzardo	4822 E-mail templates
1781	julio.luzardo	2/28/2024	4826 Audit CustTable and VendTable - Clarify when logging certain types	Closed		Julio Luzardo	4826 Audit CustTable and VendTable
1778	meys@atlantic-oak.com	2/26/2024	4830 ShoAP 1.2.25 install	Closed		Janice Meyers	4830 ShoAP 1.2.25 update
1775	julio.luzardo	2/22/2024	4828 Create an extension on WorkflowCommentTrackingTable - Remove the update method code	Closed		Julio Luzardo	4828 Create an extension on WorkflowCommentTrackingTable
1771	julio.luzardo	2/20/2024	4829 Log cleanup	Closed		Julio Luzardo	4829 Log cleanup
1769	julio.luzardo	2/24/2024	4828 Create an extension on WorkflowCommentTrackingTable	Closed		Julio Luzardo	4828 Create an extension on WorkflowCommentTrackingTable
1761	julio.luzardo	2/24/2024	4827 Dynamics 2401.1.1 install Add new files	Closed		Janice Meyers	4827 Dynamics 2401.1.2 deploy
1760	julio.luzardo	2/24/2024	4827 Dynamics 2401.1.2 deploy Remove 2401	Closed		Janice Meyers	4827 Dynamics 2401.1.2 deploy
1758	julio.luzardo	2/21/2024	4826 Audit CustTable and VendTable - Double change tracking for tag tables	Closed		Julio Luzardo	4826 Audit CustTable and VendTable
1756	julio.luzardo	2/21/2024	4826 Audit CustTable and VendTable - Check in missing object	Closed		Julio Luzardo	4826 Audit CustTable and VendTable
1754	julio.luzardo	2/21/2024	4826 Audit CustTable and VendTable	Closed		Julio Luzardo	4826 Audit CustTable and VendTable
1749	meys@atlantic-oak.com	2/21/2024	4825 Dynamics 2401 - Add new license file	Closed		Janice Meyers	4825 Dynamics 2401 Deploy
1748	meys@atlantic-oak.com	2/21/2024	4825 Dynamics 2401 - Remove old license file	Closed		Janice Meyers	4825 Dynamics 2401 Deploy
1739	julio.luzardo	2/21/2024	4824 Remove appMetadata folders	Closed		Janice Meyers	4824 Update pipelines to include DM TUI Enhancements
1732	meys@atlantic-oak.com	2/21/2024	4825 Add Dynamics 2401 files to the tree	Closed		Janice Meyers	4825 Dynamics 2401 Deploy
1731	meys@atlantic-oak.com	2/21/2024	4825 Remove Dynamics 2330 files	Closed		Janice Meyers	4825 Dynamics 2401 Deploy
1729	julio.luzardo	12/26/2023	4828 Send purchase order as mail attachment - Order items in log by created date time descending	Closed		Julio Luzardo	4828 Send purchase order as mail attachment
1716	meys@atlantic-oak.com	12/7/2023	4823 ShoAP 1.2.24 install New 2023	Closed		Janice Meyers	4823 ShoAP 1.2.24 deploy
1714	meys@atlantic-oak.com	12/7/2023	4822 Initial add of TUI files	Closed		Janice Meyers	4822 2023 TUI Enhancement addition
1711	julio.luzardo	11/20/2023	3846 WU and Open PO lines Report Changes - corrected code that broke with 30.0.26	Closed		Julio Luzardo	3846 WU and Open PO lines Report Changes
1705	julio.luzardo	11/7/2023	4823 New mail sending system - Error handling in the send mail method	Closed		Julio Luzardo	4823 New mail sending system
1704	julio.luzardo	11/7/2023	4823 New mail sending system - Solution file creation	Closed		Julio Luzardo	4823 New mail sending system
1702	meys@atlantic-oak.com	11/6/2023	4821 Dynamics 2330 Deploy - Catch missing files	Closed		Janice Meyers	4821 Dynamics 2330.1.1 deploy
1700	julio.luzardo	11/6/2023	3762 Send invoice as mail attachment - Include two methods into controller, add pattern to form	Closed		Julio Luzardo	3762 Send invoice as mail attachment
1697	meys@atlantic-oak.com	11/5/2023	4821 Dynamics 2330.1.1 - Add new files	Closed		Janice Meyers	4821 Dynamics 2330.1.1 deploy
1696	meys@atlantic-oak.com	10/31/2023	4821 Dynamics 2330.1.1 deploy - Remove 2307	Closed		Janice Meyers	4821 Dynamics 2330.1.1 deploy
1690	julio.luzardo	10/24/2023	4829 Add reason code to inventory adjustment report - Add role specific to the report	Closed		Julio Luzardo	4829 Add reason code to inventory adjustment report
1682	julio.luzardo	10/24/2023	4787 Vendor Collaboration - Use a mail templates	Closed		Julio Luzardo	4787 Vendor Collaboration
1681	julio.luzardo	10/24/2023	4829 Add reason code to inventory adjustment report - include privilege and extend duties	Closed		Julio Luzardo	4829 Add reason code to inventory adjustment report
1680	julio.luzardo	10/23/2023	4828 Send purchase order as mail attachment - testing code comp with new version	Closed		Julio Luzardo	4828 Send purchase order as mail attachment
1679	julio.luzardo	10/23/2023	3762 Send invoice as mail attachment - security privilege improvement	Closed		Julio Luzardo	3762 Send invoice as mail attachment
1678	julio.luzardo	10/23/2023	4828 Send purchase order as mail attachment - Logging	Closed		Julio Luzardo	4828 Send purchase order as mail attachment
1677	julio.luzardo	10/23/2023	3762 Send invoice as mail attachment - Added debug code	Closed		Julio Luzardo	3762 Send invoice as mail attachment
1676	julio.luzardo	10/23/2023	3762 Send invoice as mail attachment - remove debug code	Closed		Julio Luzardo	3762 Send invoice as mail attachment
1668	meys@atlantic-oak.com	10/12/2023	4820 Dynamics Analytics license - Add new	New		Janice Meyers	4820 Dynamics Analytics deployment
1667	meys@atlantic-oak.com	10/12/2023	4820 Dynamics Analytics license - deploy	New		Janice Meyers	4820 Dynamics Analytics deployment
1665	julio.luzardo	10/7/2023	4829 Add reason code to inventory adjustment report	Closed		Julio Luzardo	4829 Add reason code to inventory adjustment report
1663	julio.luzardo	10/5/2023	3762 Send invoice as mail attachment - Allow buttons on admin form to send multiple mails	Closed		Julio Luzardo	3762 Send invoice as mail attachment
1661	julio.luzardo	10/4/2023	3762 Send invoice as mail attachment - Taking code outside the loop as a possible fix	Closed		Julio Luzardo	3762 Send invoice as mail attachment



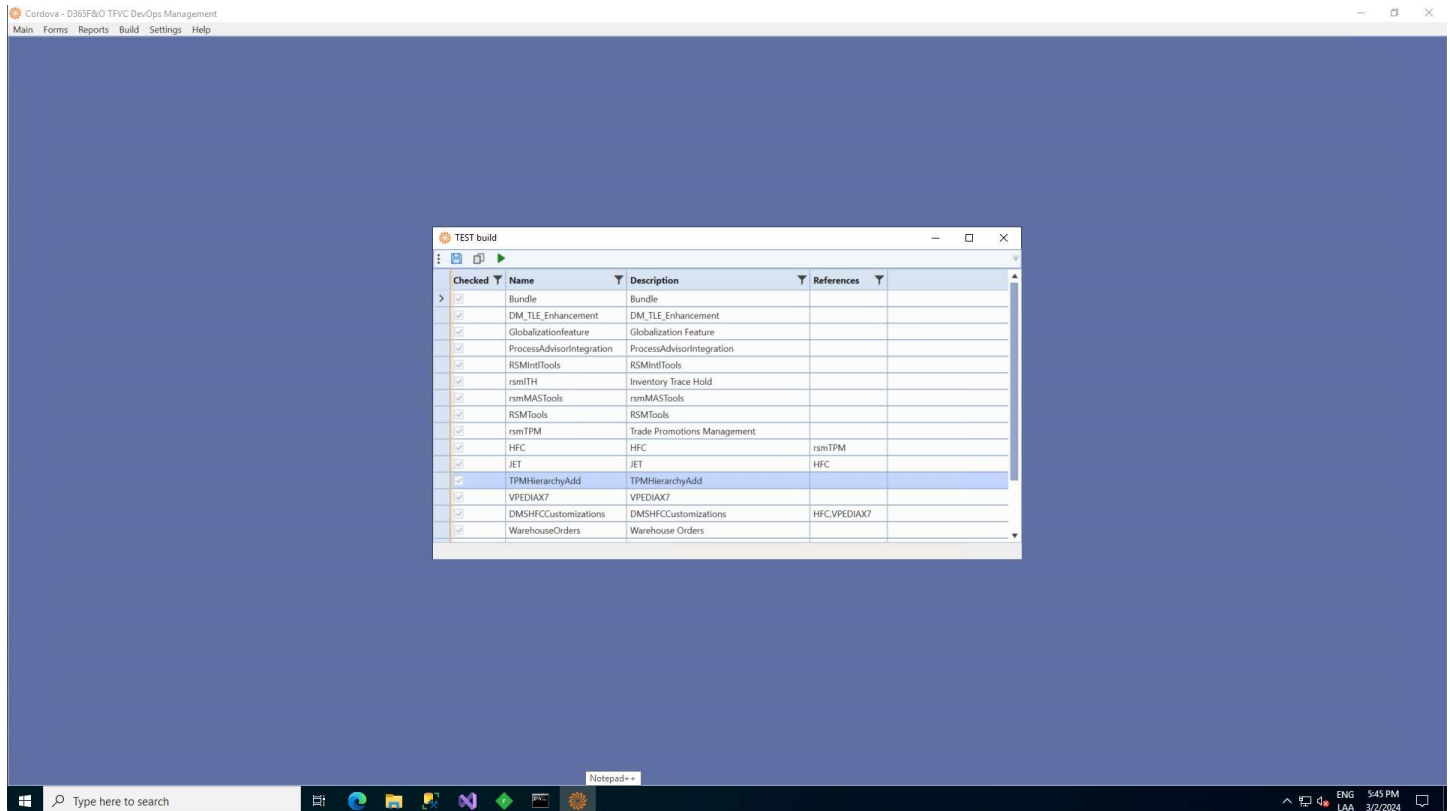
Merge Candidates Tabs

A merge candidates tab will show which changesets can be promoted from the origin repository to the target repository.




Chageset User	Date	Chageset comment	Status	Tags	Assigned To	SME #1	Work Item	Work Item Description
1799 julia.luzardo@hormelsofficecompany.com	3/3/2024	4824 - Remove update/data folders	Closed		Jamie Meyers		4824	update pipelines to include DM TUE Enhancements
1487 jmeyers@hormelsofficecompany.com	4/10/2023	4803 - Dynamis 2304.1.1 Update - Remove old version	Closed		Jamie Meyers		4803	Dynamis 2304.1.1 update
1484 julia.luzardo@hormelsofficecompany.com	4/4/2023	4797 - Vendor Collaboration - rollback in label file	Closed		Julia Luzardo		4797	Vendor Collaboration
1483 julia.luzardo@hormelsofficecompany.com	4/4/2023	DEVOPS - rollback 1357, rollback labels	Closed		Julia Luzardo		3623	RegimenCoverageSettingsV2 Entity issues
1482 julia.luzardo@hormelsofficecompany.com	4/4/2023	4797 - Vendor Collaboration - label file check in	Closed		Julia Luzardo		4797	Vendor Collaboration
1481 julia.luzardo@hormelsofficecompany.com	4/4/2023	DEVOPS - rollback 1357	Closed		Julia Luzardo		3623	RegimenCoverageSettingsV2 Entity issues
1422 garfer.jacob@reserainnovation.com	10/17/2022	3636 - Dynamis Upgrade	New				3636	Dynamis 2307 upgrade
1428 garfer.jacob@reserainnovation.com	10/10/2022	3636 - Delete from Dev branch again	New				3636	Dynamis 2307 upgrade
1427 garfer.jacob@reserainnovation.com	10/10/2022	3636 - V3 Dynamis	New				3636	Dynamis 2307 upgrade
1426 garfer.jacob@reserainnovation.com	10/7/2022	3636 - Remove Dynamis objects - redux	New				3636	Dynamis 2307 upgrade
1422 jmeyers@hormelsofficecompany.com	10/6/2022	3636 - Remove all Dynamis branches	New				3636	Dynamis 2307 upgrade
1317 julia.luzardo@hormelsofficecompany.com	4/2/2022	3623 - RegimenCoverageSettingsV2 Entity issues	Closed		Julia Luzardo		3623	RegimenCoverageSettingsV2 Entity issues
1296 julia.luzardo@hormelsofficecompany.com	3/9/2022	3623 - Create fields on invent transfer entities	Closed		Julia Luzardo		3623	Create fields on invent transfer entities
1294 julia.luzardo@hormelsofficecompany.com	10/22/2021	3622 - Pending and active item prices V2 entity issues	Closed		Julia Luzardo		3622	Pending and active item prices V2 entity issues
1293 julia.luzardo@hormelsofficecompany.com	9/2/2021	3618 - Item/Vendor/Customer Master Data Validation - Changed group key length	Closed		Julia Luzardo		3618	Item/Vendor/Customer Master Data Validation
1292 julia.luzardo@hormelsofficecompany.com	8/2/2021	3618 - Item/Vendor/Customer Master Data Validation - Entity name correction	Closed		Julia Luzardo		3618	Item/Vendor/Customer Master Data Validation
1249 julia.luzardo@hormelsofficecompany.com	8/2/2021	3618 - Item/Vendor/Customer Master Data Validation - Query promise	Closed		Julia Luzardo		3618	Item/Vendor/Customer Master Data Validation
1247 julia.luzardo@hormelsofficecompany.com	8/2/2021	3618 - Item/Vendor/Customer Master Data Validation - Added query promise across partial	Closed		Julia Luzardo		3618	Item/Vendor/Customer Master Data Validation
1245 jmeyers@hormelsofficecompany.com	8/2/2021	3618 - Item/Vendor/Customer Master Data Validation - query grid changes	Closed		Julia Luzardo		3618	Item/Vendor/Customer Master Data Validation
1241 julia.luzardo@hormelsofficecompany.com	8/2/2021	3618 - Item/Vendor/Customer Master Data Validation - final	Closed		Julia Luzardo		3618	Item/Vendor/Customer Master Data Validation
1238 julia.luzardo@hormelsofficecompany.com	7/29/2021	3618 - Item/Vendor/Customer Master Data Validation - Partial 2	Closed		Julia Luzardo		3618	Item/Vendor/Customer Master Data Validation
1217 julia.luzardo@hormelsofficecompany.com	7/29/2021	3618 - Item/Vendor/Customer Master Data Validation - Partial 1	Closed		Julia Luzardo		3618	Item/Vendor/Customer Master Data Validation
1174 jmeyers@hormelsofficecompany.com	6/2/2021	8234 - Excessive error handling, New version.	Deploy to TEST		Jamie Meyers		8272	Excessive error handling
1151 jmeyers@hormelsofficecompany.com	4/13/2021	8234 - Promotions import optimization, Phase 1	Closed		Jamie Meyers		8234	Excessive promotions import optimization
892 alex.merchins.com@outlook.com	5/3/2020	new 88832 to work order status	Closed					
892 gabriela.dominguez.com@outlook.com	1/27/2020	AM - Removal of MRD folder from Dev 1/26/20						
628 Jordan.Pfla@30M@outlook.com	11/27/2019	JPP 11/27/19 - Normal Entity Checkin for Michael (RegTrans and SHMItemEventTrans based)						
612 Jordan.Pfla@30M@outlook.com	11/25/2019	JPP 11/25/19 - Object checkin for aggregate run, SHMItemEventTrans table in HPC						
610 Jordan.Pfla@30M@outlook.com	11/25/2019	JPP 11/25/19 - Object checkin/checkin for previous InvenItemPurchase entity						
603 Jordan.Pfla@30M@outlook.com	11/22/2019	JPP 11/22/19 - Custom BI entities for David in HPC and Michael internally						

Build

The build screens allow you to do a compilation of several repositories without having to remap settings in team explorer and without the need for several one box environments.

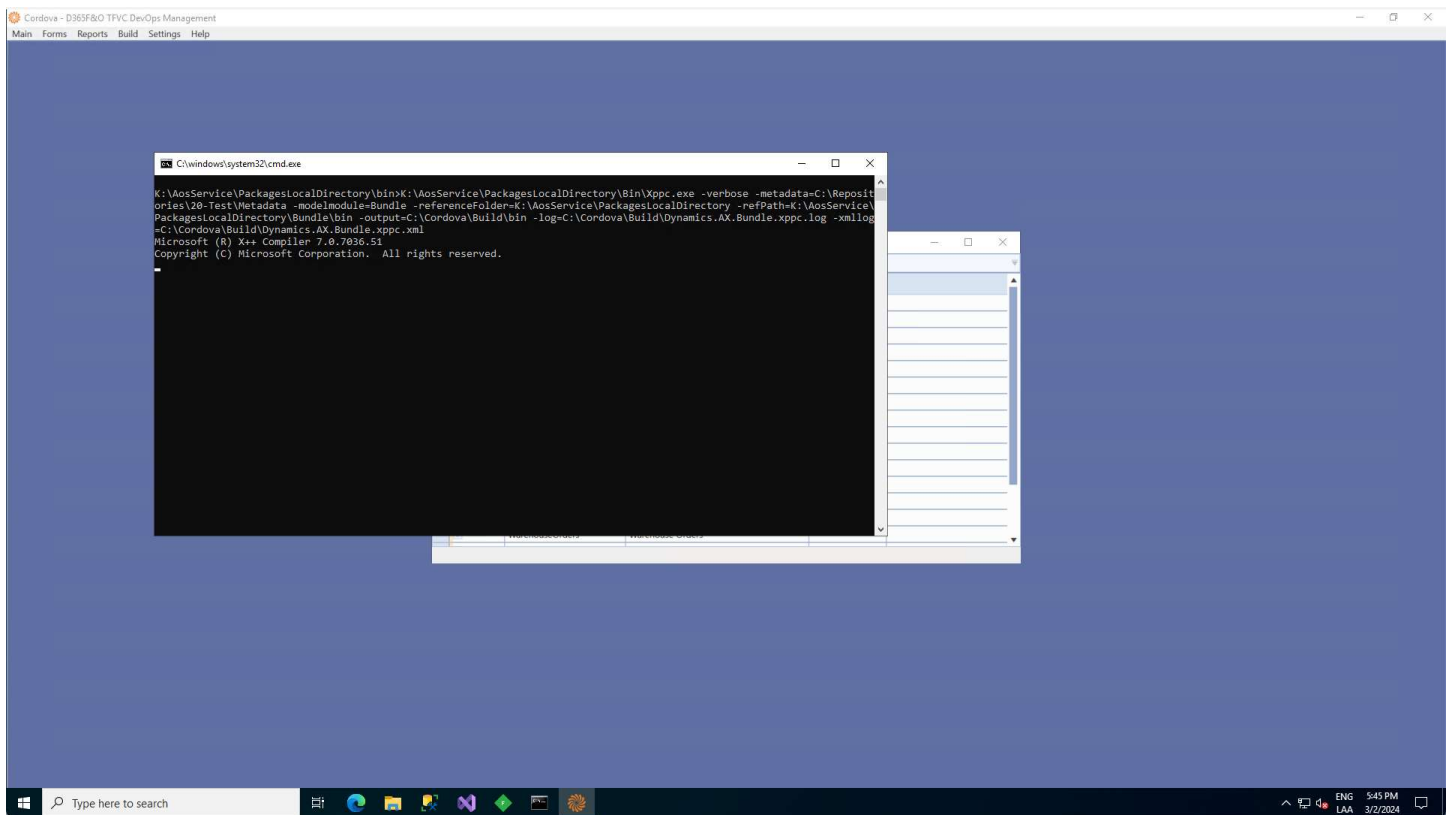


Toolbar buttons:

-  Save build script to file.
-  Copy build script to the clipboard.
-  Batch merge/check in.

Cordova TFVC Management System

Once you begin a build, Cordova will automatically calculate the customized models and will start compiling them.



Merge log

The merge log keeps a record of all operations in Cordova.

Log id	Batch id	Created date time	Source branch	Source Changeset id	Target branch	Target Changeset id	Comments	Work item id	Work item description	Merge type	Merged	Checked in
1	1	9/15/2023 8:41:52 PM	DEV	1615	TEST	1616	4838 RA, PC, Inbound Load Planning Workbook - Vendor & contacts validator	4838	RA, PC, Inbound Load Planning Workbook	Merge		
2	2	9/15/2023 1:08:25 PM	DEV	1617	TEST	1618	4833 New mail sending system - Added as e-mail	4833	New mail sending system	Merge		
1002	3	9/15/2023 1:41:23 PM	TEST	1583	PRCSD	1619	4833 New mail sending system	4833	New mail sending system	Merge		
1003	3	9/15/2023 1:41:40 PM	TEST	1583	PRCSD	1620	3762 Send invoice as mail attachment	3762	Send invoice as mail attachment	Merge		
1004	3	9/15/2023 1:41:57 PM	TEST	1584	PRCSD	1621	4838 RA, PC, Inbound Load Planning Workbook	4838	RA, PC, Inbound Load Planning Workbook	Merge		
1005	3	9/15/2023 1:42:11 PM	TEST	1588	PRCSD	1622	4834 Subnative SP CF Loading Report - Project & Solution checks	4834	Subnative SP CF Loading Report	Merge		
1006	4	9/15/2023 1:58:11 PM	TEST	1592	PRCSD	1624	4812 E-mail templates - Missing objects	4812	E-mail templates	Merge		
1007	4	9/15/2023 1:58:24 PM	TEST	1604	PRCSD	1625	4812 E-mail templates - Add preview and download, reinstate privilege	4812	E-mail templates	Merge		
1010	5	9/15/2023 1:55:40 PM	TEST	1612	PRCSD	1627	4833 New mail sending system - Prevent sending from other domains	4833	New mail sending system	Merge		
1011	5	9/15/2023 1:55:56 PM	TEST	1613	PRCSD	1628	4838 RA, PC, Inbound Load Planning Workbook - Send PO email with cursor	4838	RA, PC, Inbound Load Planning Workbook	Merge		
1012	5	9/15/2023 1:56:09 PM	TEST	1614	PRCSD	1629	4812 E-mail templates - Remove insert if empty from HFC templates form	4812	E-mail templates	Merge		
1013	5	9/15/2023 1:56:22 PM	TEST	1616	PRCSD	1630	4838 RA, PC, Inbound Load Planning Workbook - Vendor & contacts validator	4838	RA, PC, Inbound Load Planning Workbook	Merge		
1014	5	9/15/2023 1:56:40 PM	TEST	1618	PRCSD	1631	4833 New mail sending system - Added as e-mail	4833	New mail sending system	Merge		
1015	6	9/15/2023 4:19:25 PM	DEV	1632	TEST	1633	4833 New mail sending system - Design corrections	4833	New mail sending system	Merge		
1016	7	9/15/2023 4:20:14 PM	TEST	1633	PRCSD	1634	4833 New mail sending system - Design corrections	4833	New mail sending system	Merge		
1017	8	9/15/2023 4:43:01 PM	TEST	1584	PRCSD	1635	4797 Vendor Collaboration	4797	Vendor Collaboration	Merge		
1018	8	9/15/2023 4:43:38 PM	TEST	1589	PRCSD	1636	4797 Vendor Collaboration	4797	Vendor Collaboration	Merge		
1019	8	9/15/2023 4:43:56 PM	TEST	1638	PRCSD	1637	4813 SPB creation from PO	4813	SPB creation from PO	Merge		
1020	9	9/15/2023 4:45:02 PM	TEST	1590	PRCSD	1639	4812 E-mail templates - initial check in, missing preview and download	4812	E-mail templates	Merge		
1021	10	9/15/2023 5:22:31 PM	DEV	1639	TEST	1640	4833 New mail sending system - Design corrections	4833	New mail sending system	Merge		
1022	11	9/15/2023 5:23:14 PM	TEST	1640	PRCSD	1641	4833 New mail sending system - Design corrections	4833	New mail sending system	Merge		
1023	12	9/15/2023 5:46:31 PM	DEV	1643	TEST	1644	4833 New mail sending system - Design corrections	4833	New mail sending system	Merge		
1024	13	9/15/2023 5:47:06 PM	TEST	1644	PRCSD	1645	4833 New mail sending system - Design corrections	4833	New mail sending system	Merge		
1025	14	9/16/2023 7:18:30 PM	DEV	1646	TEST	1647	4833 New mail sending system - Simplified user e-mail and user name code	4833	New mail sending system	Merge		
1026	15	9/16/2023 7:18:14 PM	TEST	1647	PRCSD	1648	4833 New mail sending system - Simplified user e-mail and user name code	4833	New mail sending system	Merge		
2025	16	9/16/2023 3:48:58 PM	DEV	1649	TEST	1650	4833 New mail sending system - Switch back to vendor account as vendor in	4833	New mail sending system	Merge		
3025	17	9/20/2023 9:14:23 PM	TEST	1650	PRCSD	1651	4833 New mail sending system - Switch back to vendor account as vendor in	4833	New mail sending system	Merge		
4025	18	9/20/2023 9:11:15 PM	DEV	1652	TEST	1653	4833 New mail sending system - Fees log related to sending an email to us	4833	New mail sending system	Merge		
5025	19	9/20/2023 4:46:07 PM	DEV	1654	TEST	1655	3762 Send invoice as mail attachment - date range enhancement to the job ar	3762	Send invoice as mail attachment	Merge		
6026	20	9/20/2023 4:52:47 PM	DEV	1656	TEST	1657	3762 Send invoice as mail attachment - Missing form	3762	Send invoice as mail attachment	Merge		
5027	21	9/20/2023 4:56:25 PM	TEST	1655	PRCSD	1658	4833 New mail sending system - Fees log related to sending an email to us	4833	New mail sending system	Merge		
5028	21	9/20/2023 4:56:38 PM	TEST	1655	PRCSD	1659	3762 Send invoice as mail attachment - date range enhancement to the job ar	3762	Send invoice as mail attachment	Merge		
5029	21	9/20/2023 4:56:52 PM	TEST	1657	PRCSD	1660	3762 Send invoice as mail attachment - Missing form	3762	Send invoice as mail attachment	Merge		
6025	22	10/4/2023 2:16:23 PM	DEV	1661	TEST	1662	3762 Send invoice as mail attachment - Taking code outside the loop as a p	3762	Send invoice as mail attachment	Merge		
7025	23	10/10/2023 2:37:21 PM	DEV	1663	TEST	1664	3762 Send invoice as mail attachment - Allow buttons on admin form to see	3762	Send invoice as mail attachment	Merge		
8025	24	10/10/2023 9:56:27 PM	DEV	1665	TEST	1666	4819 Add reason code to inventory adjustment report	4819	Add reason code to inventory adjustment report	Merge		
9025	25	10/10/2023 1:24:28 PM	TEST	1662	PRCSD	1671	3762 Send invoice as mail attachment - Taking code outside the loop as a p	3762	Send invoice as mail attachment	Merge		
9026	25	10/10/2023 1:24:43 PM	TEST	1664	PRCSD	1670	3762 Send invoice as mail attachment - Allow buttons on admin form to see	3762	Send invoice as mail attachment	Merge		
10025	26	10/14/2023 2:16:52 PM	DEV	1666	TEST	1669	3762 Send invoice as mail attachment - remove debug code	3762	Send invoice as mail attachment	Merge		

Toolbar buttons:

- Force merge.
- Copy as table.

Grid columns

- Log id:** A consecutive number that uniquely identifies the merge operation.
- Batch id:** All merge operations that have the same batch id, occurred during the same batch process (rollback, merge/check in, force merge).
- Created date time:** date and time of the merge operation.



Cordova TFVC Management System

Source branch: The source branch descriptor.

Source changeset id: the source changeset id.

Target branch: The target branch descriptor.

Target changeset id: The target changeset id.

Comments: The changeset comments.

Work item id: The associated work item id in Azure DevOps.

Work item description: The work item description.

Merge type: The type of merge, Rollback, Merge, Force Merge, Discard.

Merged: If the merge has taken place.

Checked in: If changes have been checked in.