

mw-variableGroups

Saturday, 24 July 2021 9:18 AM

This demo depends on the Azure DevOps project DDLSWebApp:

1. Click on **Library** and then define **2 variable groups**: (clone to create the second one)

The screenshot shows the 'Library > DDLSWebApp-QA' page in Azure DevOps. The 'Variable group' tab is selected. The 'Properties' section contains a 'Variable group name' field with the value 'DDLSWebApp-QA' (indicated by red arrow 1) and a 'Description' field with the value 'Variables used by DDLSWebApp (QA)' (indicated by red arrow 2). Below this is a toggle switch for 'Link secrets from an Azure key vault as variables'. The 'Variables' section shows a table with one variable: 'colour' with a value of 'olive' (indicated by red arrow 3 for the name and red arrow 4 for the value). At the top right, there are buttons for 'Save', 'Clone', 'Security', 'Pipeline permissions', 'Approvals and checks', and 'Help' (indicated by red arrow 5 for the 'Clone' button).

2. Go to the tasks and for the web deployment, refer to the variable:

The screenshot shows the 'ReleaseToAustralia' pipeline in Azure DevOps. The 'Tasks' tab is selected. The task list shows 'Run on agent' and 'Deploy Azure App Service' (indicated by red arrow 1 for the task name and red arrow 2 for the task icon). The 'Deploy Azure App Service' task is selected, and its configuration panel is shown on the right. The 'Package or folder' field is set to '\$(System.DefaultWorkingDirectory)/**/*.zip' (indicated by red arrow 5 for the 'Save' button). The 'App settings' section is expanded, and the 'App settings' field is set to '-colour \$(colour)' (indicated by red arrow 3 for the task icon and red arrow 4 for the variable reference).

3. If you have pipeline variables the same name as the Variable Group variable names you'll need to delete the pipeline variables (or change their names)

All pipelines > ReleaseToAustralia

Save Create release View releases ...

Pipeline Tasks Variables Retention Options History

Pipeline variables

Variable groups

Predefined variables

Filter by keywords Scope

Name		Scope
colour	yellow	QA

+ Add

Delete variable 'colour'

1

2

4. Create a new release and watch it work.