



POSTMAN

POSTMAN Delivers!

A Deep Dive Into API Testing

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<https://github.com/crowcoder/PostmanDelivers>

Session Outline

- What is Postman?
- The Builder
- Collections
- Workspaces and Environments
- Scripting
- Testing
- Collection Runner
- Newman
- DevOps

POSTMAN

All pipelines > Release PostmanDelivers

Pipeline


Tasks ▾

Variables

Retention

Options

History

Artifacts |  Add



_crowcoder.PostmanDelivers



Schedule
not set

Stages |  Add ▾



Stage 1

1 job, 5 tasks



Stage 1
Deployment process

Run on agent
Run on agent

Deploy Azure App Service
Azure App Service deploy

Show folders and files in default working direct...
Command line

npm install newman
npm

Newman Run
Command line

Publish Test Results **/newman/*.xml
Publish Test Results

Stage name

Stage 1

Parameters | Unlink all

Azure subscription * | Manage

Pay-As-You-Go (selected subscription)

Scoped to subscription 'Pay-As-You-Go'

App type

Web App on Windows

App service name * |

postmandelivers

Pipeline Tasks Variables Retention Options History

Stage 1

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Deploy Azure App Service

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Command line



npm install newman

npm



Newman Run

Command line



Publish Test Results **/newman/*.xml

Publish Test Results

npm ⓘ

Task version 1.* ▼

Display name *

npm install newman

Command * ⓘ

custom

Working folder that contains package.json ⓘ

Command and arguments * ⓘ

install newman -g

Custom registries and authentication ▼

All pipelines > Release PostmanDelivers



Save



Create release



View releases



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Command line



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Newman Run

Command line



Publish Test Results **/newman/*.xml

Publish Test Results

Display name *

Newman Run

Script *

```
newman run "$(System.DefaultWorkingDirectory)\_crowcoder.PostmanDelivers\test collection\X Wins With Tests.postman_collection.json" -e "_crowcoder.PostmanDelivers\azure environment\PostmandDelivers Azure.postman_environment.json" -g "_crowcoder.PostmanDelivers\globals\Postman Delivers.postman_globals.json" --insecure --reporters junit,cli
```

Advanced

Control Options

- ☒ Enabled
- ☒ Continue on error

Timeout * ⓘ

0

Pipeline Tasks Variables Retention Options History

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npm

Newman Run

Command line

Publish Test Results **/newman/*.xml

Publish Test Results

Task version 2.*

Display name *

Publish Test Results **/newman/*.xml

Test result format * ⓘ

JUnit

Test results files * ⓘ

**/newman/*.xml

Search folder ⓘ

\$(System.DefaultWorkingDirectory)

☐ Merge test results ⓘ

☒ Fail if there are test failures ⓘ

Test run title ⓘ

Release PostmanDelivers > Release-8 > Stage 1 ✖ Failed

[← Pipeline](#) [Tasks](#) [Variables](#) [Logs](#) [Tests](#) | [Deploy](#) [Cancel](#) [Refresh](#) [Edit](#) [...](#)

Summary

1 Run(s) Completed (0 Passed, 1 Failed)

90

Total tests



66 ● Passed

24 ● Failed

0 ● Others

73.33%

Pass percentage

8s 824ms

Run duration ⓘ

0

Tests not reported

[Bug](#) [Link](#)

[Test run](#) [Column Options](#)

Filter by test or run name

[Tags](#) [Test file](#) [Owner](#) Outcome: **Aborted (+1)**

Test	Duration	Failing since	Failing release	Tags
✖ Game Run-Through Tests (24/90)	0:00:08.823			
✖ Move is valid so reason is null	0:00:00.050	Nov 23, 2019	Current release	
✖ Move is valid	0:00:00.047	Nov 23, 2019	Current release	
✖ Game is in progress	0:00:00.047	Nov 23, 2019	Current release	