
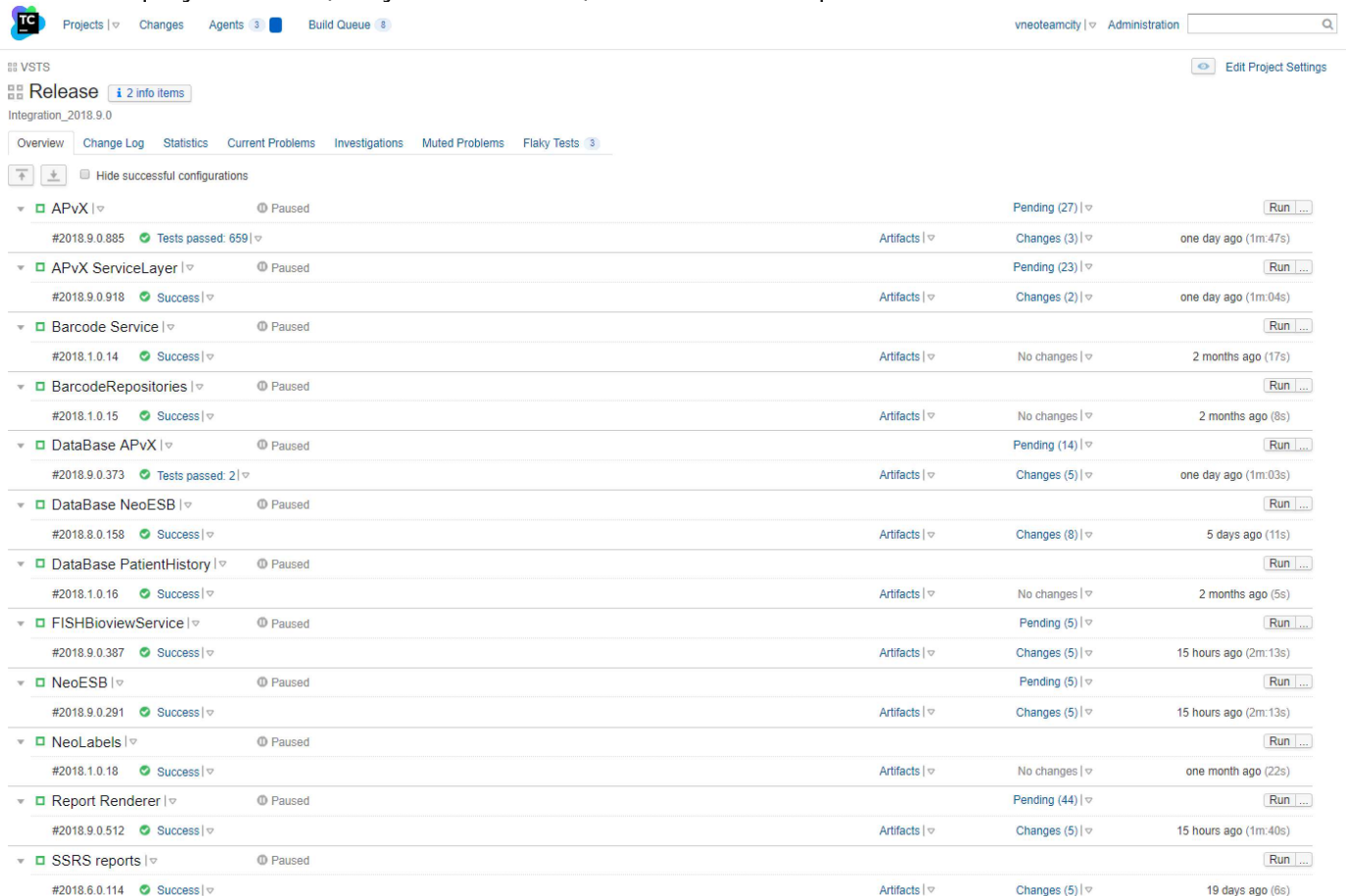


Release packages creation

Last updated by | Ilya Maleev | Mar 4, 2022 at 5:28 PM GMT+3

Major releases are 2022.1.0, 2022.2.0 etc. Hotfix releases are 2022.1.1, 2022.1.2 etc. The packages creation process is the same in both cases.

1. Go to TeamCity [Release](#)  project.
2. Go to the project settings ("Edit Project Settings" link) and update the following attributes:
 - In the Parameters tab update env.releaseVersion and env.BranchName with the current iteration number and integration branch name
 - In the General Settings tab update the project Description with the current release version (the one the packages are built for).
3. Return to the project home ("Project Home" link). There is a list of possible deliverables.



The screenshot shows the TeamCity web interface for a project named 'Release'. The top navigation bar includes links for Projects, Changes, Agents (3), Build Queue (4), and Administration. The main content area shows a list of build configurations under the 'Release' project. Each configuration is listed with its name, version, status (Paused), and a 'Run' button. The configurations are:

- APvX | #2018.9.0.885 | Tests passed: 659 | Pending (27) | one day ago (1m:47s)
- APvX ServiceLayer | #2018.9.0.918 | Success | Pending (23) | one day ago (1m:04s)
- Barcode Service | #2018.1.0.14 | Success | No changes | 2 months ago (17s)
- BarcodeRepositories | #2018.1.0.15 | Success | No changes | 2 months ago (8s)
- DataBase APvX | #2018.9.0.373 | Tests passed: 2 | Pending (14) | one day ago (1m:03s)
- DataBase NeoESB | #2018.8.0.158 | Success | Changes (8) | 5 days ago (11s)
- DataBase PatientHistory | #2018.1.0.16 | Success | No changes | 2 months ago (5s)
- FISHBioviewService | #2018.9.0.387 | Success | Pending (5) | 15 hours ago (2m:13s)
- NeoESB | #2018.9.0.291 | Success | Pending (5) | 15 hours ago (2m:13s)
- NeoLabels | #2018.1.0.18 | Success | No changes | one month ago (22s)
- Report Renderer | #2018.9.0.512 | Success | Pending (44) | 15 hours ago (1m:40s)
- SSRS reports | #2018.6.0.114 | Success | Changes (5) | 19 days ago (6s)

4. Wait until TeamCity discovers VCS changes and run all tasks with pending changes. Wait until all the builds are finished (there are no running or queued builds and pending changes in the project).
5. Download packages for all the executed tasks - expand a list of build artifacts and download all packages there

VSTS

Release 1 info item

2022.2.0

Overview Change Log Statistics Current Problems Investigations Muted Problems Flaky Tests 0

Hide successful configurations

Component	Version	Status	Changes	Run
APvX	#2022.2.0.10870	Success	Changes (92)	Run
APvX ServiceLayer	#2022.2.0.12961	Success	Changes (10)	Run
Barcode Service	#2022.2.0.5921	Success	Changes (20)	Run

19 hours ago (52s)

Artifacts

APvX.2022.2.0.10870-release.zip 46.17 MB

Total size: 46.17 MB

6. Go to [\\tp1-isilon\NeoRelease\PROD](http://tp1-isilon\NeoRelease\PROD) and create a folder with the iteration number.

7. Put all the packages downloaded at the step 5 into the folder.

8. Write an email to Eric Nolen, Paul Kumagai, Stephen Messer, David Bove and Alexey Paveliev with the path to the folder.

Post-release actions (major releases)

The actions should be done just after the release packages are deployed to Production

1. Merge the released code changes from integration to 'master' branch via Pull Request
2. Re-deploy the hotfix environment (fm1dvm-nlis02) from the integration branch. From now it is a hotfix branch. Don't reset database there!
3. Create a new integration branch from master keeping the naming scheme
4. Configure branch policies (take the existing integration branch as an example)
5. Deploy the main integration environment (fm1dvm-nlis01) from the new branch. !Don't reset database there!

Post-release actions (hotfix releases)

The actions should be done just after the release packages are deployed to Production

1. Merge the released code changes from hotfix branch to 'master' branch via Pull Request
2. Merge the code from 'master' branch to the main integration branch via Pull Request. The main integration environment will be updated automatically.