Kanpur 2019.1 EAP1 (build 65427) Release Notes

On this page:

Experimental TeamCity UI

The new TeamCity version comes with the experimental UI addressing our customer feedback and aiming at improving your overall experience with the product.

New Sidebar

Hide it whenever you want detailed information on a project or build configuration, or keep it open to retain the big picture.
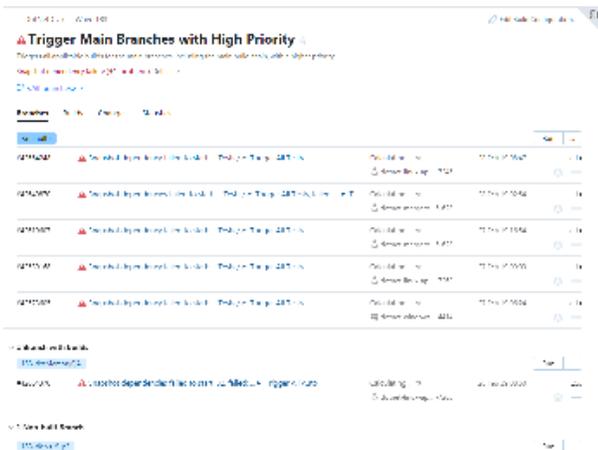
Project Overview

The reworked project overview page provides a compact view of the latest build configurations and subprojects. Build configurations are displayed as tiles and clicking an individual one takes you to the overview of this build configuration.
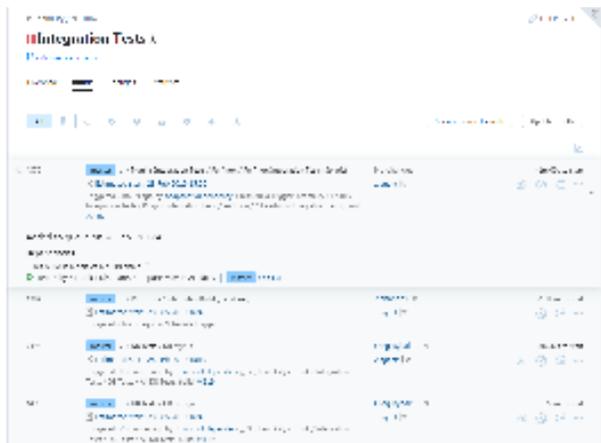

Revamped Branches Tab

Branches are now split into categories, and you can expand and collapse them as needed. This enables you to keep an overview of your branches and browse them conveniently.

Expandable Build Row

Now, TeamCity can show more about builds on a page, and if you need details on a particular build, clicking it will expand the row allowing more information.

Switching between UIs

The new UI is in the experimental stage, and you can switch to it using the icon in the right-hand corner of the screen. There is also a new setting in your profile enabling the experimental UI by default. As not all the features are supported by the new UI, it is easy to go back to the classic TeamCity style when needed.

Canceling Build via Service Message

There can be cases when you need to cancel a build from a script, e.g. a build cannot proceed normally due to the environment, or a build should be canceled form a subprocess, etc. And while it has been possible to use the TeamCity REST API to cancel a build, in this case, the build script ends up being complicated as you need to pass the build ID, the server URL, as well as the authentication parameters (username and password) to the script.

Now TeamCity offers a more elegant way of using a service message to do that: just add a line to your build script telling TeamCity to cancel the build. If required, you can re-add the build to the queue after canceling it:

```
echo ##teamcity[buildStop comment='canceling comment' readdToQueue='true']
```

Read more about TeamCity service messages.

Known Issues

- When the <All branches> filter is set on the Branches tab, the Artifacts popup uses the wrong URL. As a workaround, use a different filter or download the artifact from a different page.
- TeamCity Docker images: On Windows Server 2019 with process isolation build agents may fail to start. To work around the issue, use the hyper-v container isolation:

```
docker run --isolation=hyperv ...
```

Other Improvements

- Cloud support has been improved.
- Investigations Auto Assigner has got a new option, "On second failure", which prevents user assignment for the flaky tests/problems. A user is assigned to investigate a failure only when the failure repeats itself the second time in a row.
- All fixed issues