

Release Automation 6.2

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August 10th 2016

CA Release Automation Solution Set

CA RELEASE AUTOMATION

Proven foundation for companies to execute a
successful DevOps, continuous delivery strategy

Rapidly and reliably automating
application releases from
development to production—
the automation engine

Planning, managing and
optimizing the continuous
delivery pipeline

*CA RELEASE AUTOMATION
CONTINUOUS DELIVERY EDITION*

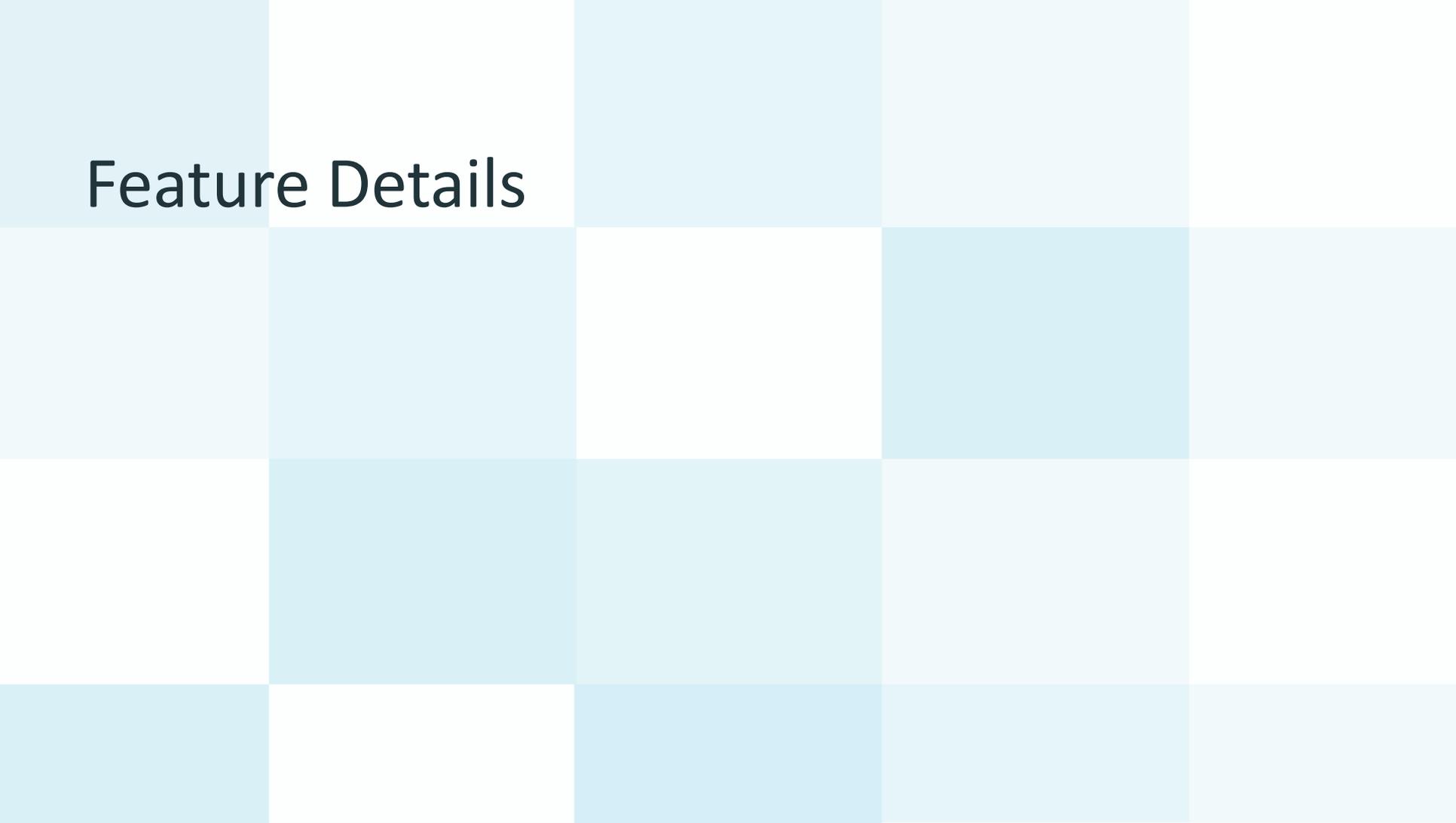
Release Automation 6.2 Highlights

- Release Automation
 - *New Certifications and Platform Support*
 - **Java 8 Support for Agents**
 - **New Plugin for TFS 2015**
 - **Ideas from community**

Release Automation 6.2 Highlights

- Release Automation Continuous Delivery Edition
 - *Improved security model*
 - *Notification alerts*
 - *New integration with CA Agile Central*
 - *Dependency management*
 - *Manual approval on a phase*

Feature Details

The background of the slide is a decorative grid of 25 squares arranged in 5 rows and 5 columns. The squares are in various shades of light blue and white, creating a subtle pattern. The text 'Feature Details' is positioned in the upper-left quadrant of the grid.

Release Automation

- ***New Certifications and Platform Support***
 - AIX 7.2 agent support
 - Oracle Linux 6.7 support for all Release Automation tiers
- **Java 8 Support for Agents**– Agents can run on Java 8 (Windows, UNIX and AIX)
- Ability to delete unused environments

Release Automation

- **Plugin for TFS 2015 -**
Allows users to create deployments with the artifacts created on a given build.

The screenshot displays the TFS Release Automation configuration interface. The main window is titled 'Definitions / Oleg | Builds'. The left sidebar shows a list of build steps, with 'CA Release Automation Run Deployment Plan Oleg2' selected. The main area shows the configuration for this step, including fields for RA Server, Strategy, Application Name, Project Name, Template Category, Deployment Template, Deployment Plan Name, Build number, Deployment Name, Deployment Stage To Perform, Environment, and Timeout. The 'Advanced options for "Scratch" strategy' section is expanded, showing 'Control Options' with checkboxes for 'Enabled', 'Continue on error', and 'Always run'.

Field	Value
RA Server	tamme01n12230
Strategy	Run Deployment Plan from Scratch
Application Name	olegifs
Project Name	olegProjTfS
Template Category	oleg_wf_template
Deployment Template	template2
Deployment Plan Name	dpTFS2
Build number	\$(Build.BuildNumber)
Deployment Name	Deployment_\$(Build.BuildNumber)
Deployment Stage To Perform	Deployment
Environment	Environment for Default Architecture
Timeout	0

Advanced options for "Scratch" strategy

Control Options

Enabled	<input checked="" type="checkbox"/>
Continue on error	<input type="checkbox"/>
Always run	<input checked="" type="checkbox"/>

Release Automation – Community ideas

- **Ability to trigger a RA deployment when the Jenkins build job state is 'unstable' -**
<https://communities.ca.com/ideas/235722000>
- **New ROC Action - Update Environment Parameter In a specific Deployment -**
<https://communities.ca.com/ideas/235730623>
- **New ROC Action - "ROC - Get Deployment State in JSON" action**
 - **getting status of a step -** <https://communities.ca.com/ideas/235729470>
 - **Overall deployment status -** <https://communities.ca.com/ideas/235722981>

Release Automation – Community ideas

- **APIs for User and Permissions Management** <https://communities.ca.com/ideas/235718813>
 - Get user permissions
 - Set user permissions
 - Set user permissions in batch
 - Get group permissions
 - Set group permissions
 - Set group permissions in batch

The screenshot shows a REST API reference page for the endpoint `/users-groups/permissions`. The page includes a search bar, a navigation menu, and a sidebar with a list of API endpoints. The main content area displays the following details:

- Method:** Updates user groups permissions (V4+)
- Resource URL:** `http://<host>:<port>/datamanagement/a/api/<version>/users-groups/permissions`
- Method Parameter:** A table with columns for Parameter, Type, and Description. The parameter is `versionId` (String) with description "Version ID".
- Request Parameter:** A table with columns for Type and Description. The parameter is `BulkUsersPermissionsApiDto` with description "The Dto contains the updated permissions dara." (Note the typo in the image).
- Response Parameter:** A table with columns for Type and Description. The parameter is `UserPermissionsApiDto` with description "The Dto contains the available permissions data." (Note the typo in the image).
- Example:** A code block showing a partial JSON response:

```
{  "applicationPermissions": [
```

Release Automation Continuous Delivery Edition

- ***Improved security model***

Improved control and segregation of operations inside CDE. Full control on who can perform different operations by assigning owners to the different phases and tasks inside the release. Access to third parties is controlled with a list of authorized users per endpoint.

The screenshot displays the 'ENDPOINTS' management interface. On the left, a table lists existing endpoints:

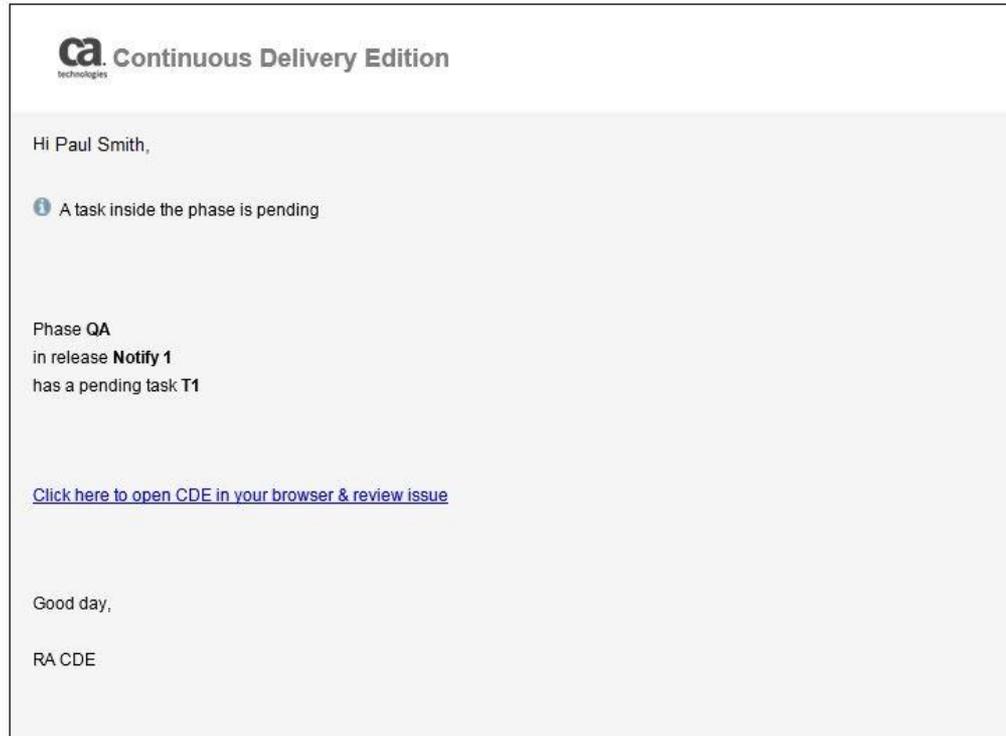
Name	Type
RA 6.1	ENDPOINT
RA 6.2	ENDPOINT
Rally CA Technologies	ENDPOINT
Jira	ENDPOINT
REST CDE	REST endpoint

An 'EDIT ENDPOINT' modal is open, showing details for the 'Rally CA Technologies' endpoint. The modal includes a description: 'An endpoint is a connection to a specific system. You can define multiple endpoints to different systems of the same type like connecting to two Release Automation systems.' Below this, there are fields for 'Name' (Rally CA Technologies) and 'Description' (EP to CA Technologies workspace on Rally). A section titled 'AUTHORIZED USERS' contains a search bar with the text 'Add authorized users' and a dropdown menu listing 'CDE Designers', 'CDE Viewers', 'Test (ngv01)', and 'Test (ngd01)'.

Release Automation Continuous Delivery Edition

- ***Notification alerts***

Reduce idle time by sending email notifications to owners for important events, such as task failure, pending operations, etc.



Release Automation Continuous Delivery Edition

- ***New integration with CA Agile Central***

Improve quality and promote release based on test results with CA Agile Central, allow verification of successful execution of the test cases

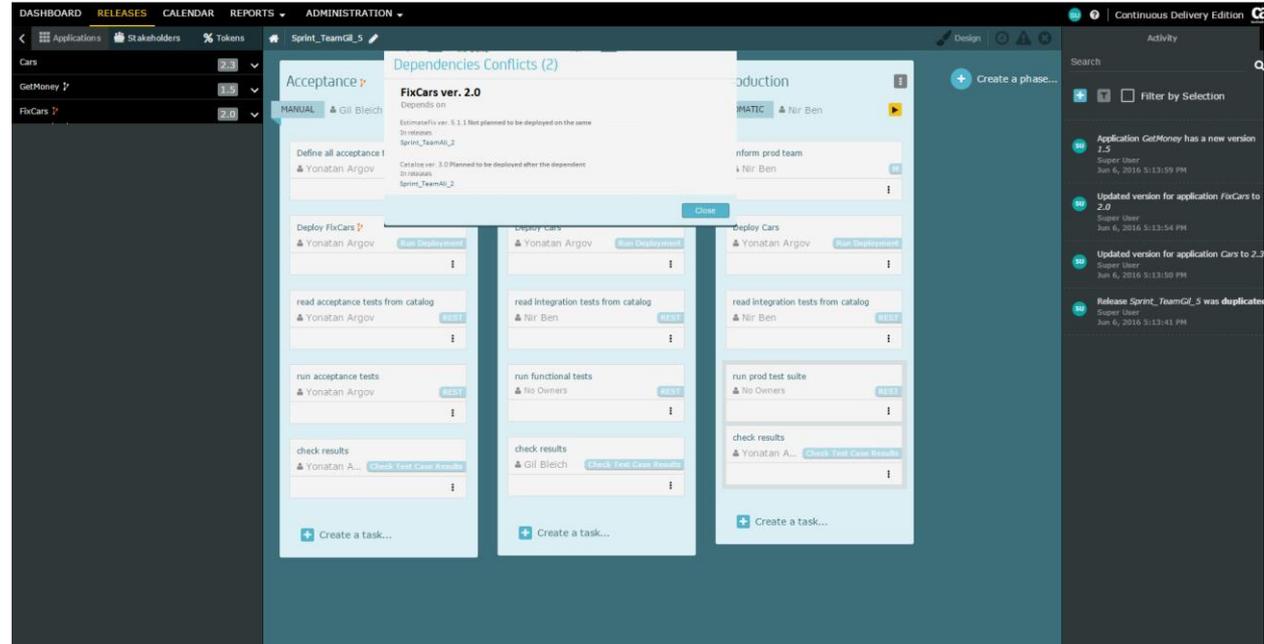
The screenshot displays the Release Automation Continuous Delivery Edition interface. A modal dialog box titled "TASK FAILED" is centered on the screen, showing a table of failed test cases. The background interface shows a task execution view with columns for "Acceptance", "Functional", and "Production". The "Functional" column shows a task "Define all functional tests" with a "TASK FAILED" status. The "Production" column shows a task "Inform prod team" with a "DONE" status. The "Acceptance" column shows a task "Define all acceptance tests" with a "DONE" status. The "TASK FAILED" dialog box contains the following table:

Test Case	Owner	Last Verdict	Last Build	Last Run	Method	Notes
TC12943	Gil Bleich	Fail	2	23.05.2016, 12:23	Manual	
TC12944	Gil Bleich	Fail	2	23.05.2016, 12:24	Manual	

Release Automation Continuous Delivery Edition

- *Dependency management*

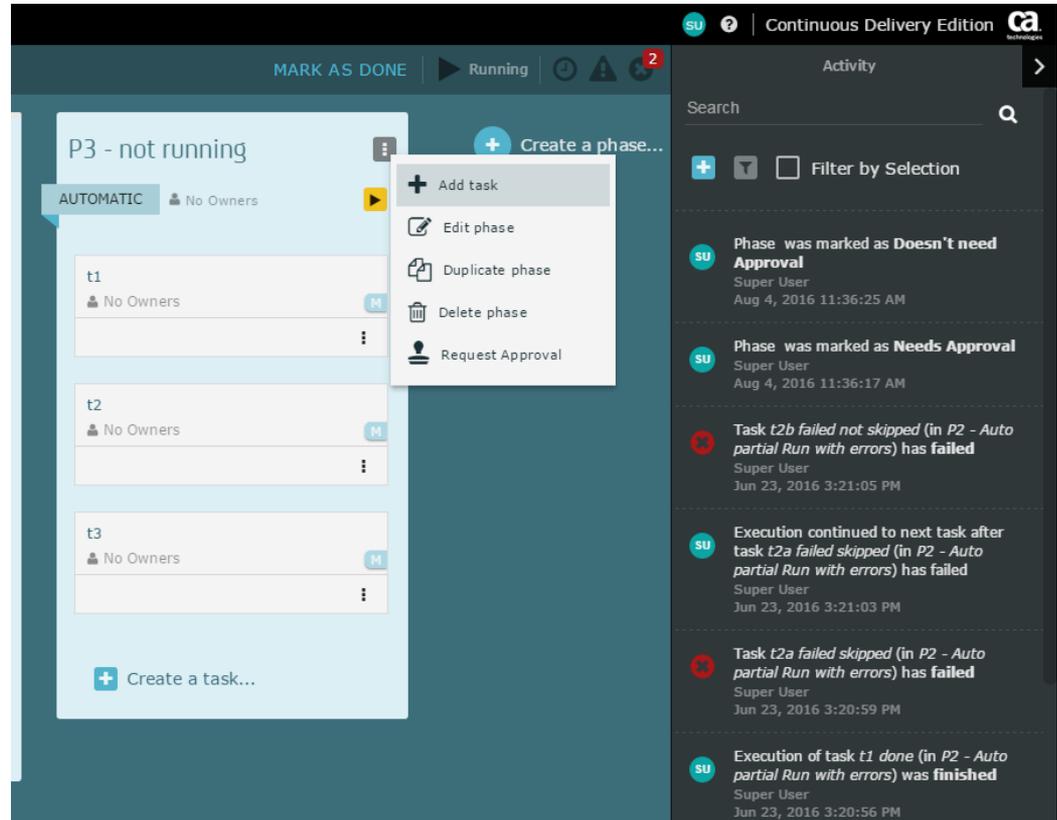
Manage deployment of functional /APIs with dependencies between applications and avoid deploying partial content.



Release Automation Continuous Delivery Edition

- **Manual approval on a phase**

Increase control and avoid errors in sensitive environments (such as production) by configuring a manual approvals on these phases.



Release Notes

- Many additional stuff are in 6.2...
- Upgrade is simpler than ever!

<https://docops.ca.com/ca-release-automation/6-2/en/release-notes>

Release Automation Community

- Join our community site to be up to date with news, ask questions and submit ideas

<https://communities.ca.com/community/ca-release-automation>

Partner with CA to Help Shape RA's Features and Functionality

We want your opinion!

- Partner with CA to get an early look at the features you're interested in and play a role throughout development
- Here's what you need to do to get involved:
 - Sign our NDA
 - Request access to our private Feature Advisory Community
 - Share your opinions on RA functionality that matters most to you



Q & A

Technical Webcasts on RA Community

Upcoming:

- Wed Aug 17: CA Release Automation CD Edition Integration with Agile Central & Jira <https://communities.ca.com/events/3076>

Webcast Replays

- Creating Actions with Release Automation Software Development Kit (SDK) <https://communities.ca.com/videos/4553>
- Automating Your Database Deployments (DBmaestro demo) <https://communities.ca.com/videos/4502>
- CA Release Automation v6 Architecture (RA and CDE) <https://communities.ca.com/videos/4440>
- Creating a CA Release Automation Continuous Delivery Edition Plug-In <https://communities.ca.com/videos/4372>



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