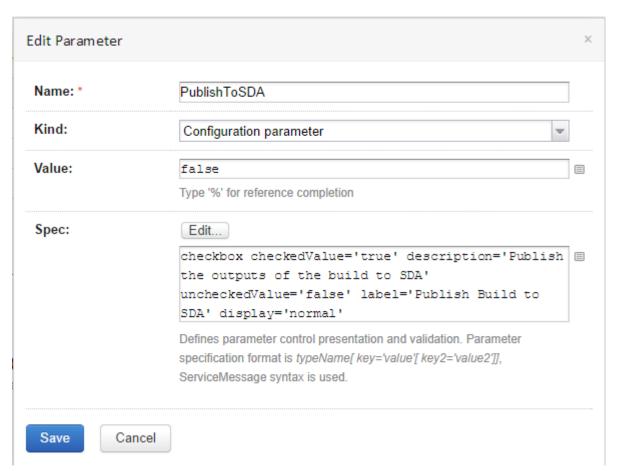
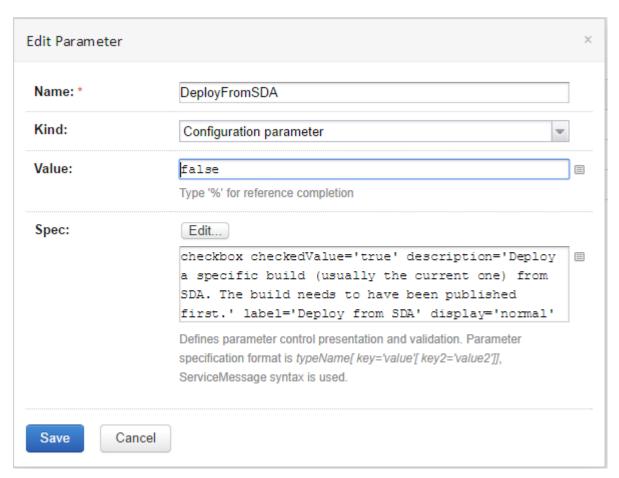
Serena Deployment Automation plugin for TeamCity

- Install the SerenaDeploy-x.x.zip in to TeamCity using the Administration menu
- Go to an existing Build Configuration and add a new Build Step selecting Serena Deploy plugin.
- Enter the parameters for SDA (see screenshots as an example).
- In SDA, select None as the source type for the component you are uploading to as the plugin resides in TeamCity
- The plugin will optionally upload a new version into SDA using the built artefacts.
- The plugin will optionally create component version properties to the uploaded version.
- The plugin will optionally apply a status to the uploaded version.
- The plugin will optionally execute a process to deploy it.
- A parameter can be passed to the plugin to determine if publishing should occur. For example create a parameter "PublishToSDA" as below and then in the plugin parameter "Publish Version if" reference this parameter, i.e. %PublishToSDA%.



• A parameter can be passed to the plugin to determine if deployment should occur. For example create a parameter "DeployFromSDA" as below and then in the plugin parameter "Deploy to Version if" reference this parameter, i.e. %DeployFromSDA%.



• Deployment can be carried out in a separate step if required, however the component name and version name need to be set to ensure that deployment is initiated.

Example Setup (1/2):

Deployment Server Settings:		
Serena DA URL: *	http://localhost:8080/serena_ra The URL for Serena DA, i.e. http://localhost8080/serena_ra	
Username: *	admin The user name used to login to the Serena DA server.	
Password: *	The password used to login to the Serena DA server.	
Version Upload Settings:		
Publish Version:	Check here if you want to upload the outputs of this build into Serena DA.	
Publish Version if:	%PublishToSDA% Use a property to determine if the outputs of the build should be uploaded to	Serena DA. If set this overrides the "Publish Version" checkbox.
Component: *	online-web The name of the component in the Serena DA server which will receive the	new version.
Base Artifact Directory: *	%teamcity.build.workingDir% Specify the base directory where the artifacts are located. If empty the defau	It value is %teamcity.build.workingDir% which is the base of the build workspace.
Directory Offset:	target Specify a sub-directory in the workspace where to search for files to publish.	absolute directories will not work.
Version Name:	%SDAVersion% The name of the new version that will be created in the Serena DA server. Ye	■ bu can reference TeamCity parameters, e.g. %build.number%
Includes:	**.war,context.xml,README Acomma separated list of file filters to select the files to publish. If empty the	default includes everything in the workspace.
Excludes:	A comma separated list of file filters to exclude from publishing. Leave blank	m to include everything.
Version Properties:	Enter properties below:: build.number=%build.number% build.vcs.number=%build.vcs.number% Newline separated list of quoted properties and values i.e. prop1=%teamchy	projectid% to create on the version.
Version Status Settings:		
Add Status to Version:	Check here if you want to add a status to the version in Serena DA once it's	uploaded.
Version Status Name:	Functional Testing Complete The name of the status to apply to the version.	0

Example Setup (2/2):

Version Deployment Settings:		
Deploy Version:	Check here if you want to trigger a deployment of this version in Serena DA once it's uploaded.	
Deploy Version if:	%CDeployFromSDA% Use a property to determine if a deployment of this version should be triggered in Serena DA once it's uploaded. If set this overrides the "Deploy Version" checkbox.	
Deploy Application:	Ring2Park Online The name of the application in Serena DA which will be used to deploy the new version.	
Deploy Environment:	Ring2Park-INT The name of the environment in Serena DA to deploy to.	
Deploy Process:	R2P Online - Deploy Web The name of the application process in Serena DA which will be used to deploy the new version.	
Deploy Properties:	Enter properties below:: prop1=%peployFromSDA% prop2=%build.number% Newline separated list of quoted properties and values i.e. prop1=%teamcity.projectid% to pass to Serena DA Deployment Process.	

Example Successful Build Output:

```
[13:56:39] \odot Step 2/2: Serena Deploy (Serena Deploy) (11s)
[13:56:39]
             ⊕ [Step 2/2] Retrieving configuration
                  [Retrieving configuration] Serena DA URL: http://localhost:9090/da [Retrieving configuration] Username: admin
[13-56-39]
[13:56:39]
[13:56:39]
                   [Retrieving configuration] Publish Version: true
[13:56:39]
                   [Retrieving configuration] Publish Version if: not set
[13:56:39]
                   [Retrieving configuration] Component: teamcity-test
                   [Retrieving configuration] Base Directory: C:\Program Files (x86)\JetBrains\TeamCity\buildAgent\work\cd3ac3818570ad6d
[13:56:39]
                   [Retrieving configuration] Directory Offset: target
[13:56:39]
                   [Retrieving configuration] Version Name: 33
[13:56:39]
                   [Retrieving configuration] Include Patterns: *.war
[13:56:39]
                   [Retrieving configuration] Version Property: teamcity.buildId = 33
[13:56:39]
                   [Retrieving configuration] Add Files to Existing Version: is true
[13:56:39]
                   [Retrieving configuration] Deploy Version: true
[13:56:39]
                   [Retrieving configuration] Deploy Version if: not set
[13:56:39]
                   [Retrieving configuration] Deploy Application: TeamCity Test
[13:56:39]
                   [Retrieving configuration] Deploy Environment: Integration
[13:56:39]
                   [Retrieving configuration] Deploy Process: Deploy
[13-56-39]
                   [Retrieving configuration] Deploy Property: teamcity.buildId = 33
[13:56:39]
                   [Retrieving configuration] Add Status to Version: is true
[13:56:39]
                   [Retrieving configuration] Status Name: BUILT
[13:56:39]
                   [Retrieving configuration] Using component id: b2da8761-5d89-45c4-a42a-55de5d8b8309
             → [Step 2/2] Uploading Version (10s)
[13:56:39]
[13:56:39]
                   [Uploading Version] Component version "33" already exists with id: 8bb38190-4f2a-4ed3-887e-a28382c0dbcb
[13:56:39]
                   [Uploading Version] Adding files to existing version "33"
                   [Uploading Version] Created staging directory: 82287423-34b2-4834-8b1c-57d8f5c7le89
[Uploading Version] Added 1 files to staging directory...
[13:56:41]
[13:56:49]
[13:56:50]
                   [Uploading Version] Committing change set...
                   [Uploading Version] Created change set: SHA-256{57ceca5e63abb88c199ad63fcaf27b2a57c019ce8d2375b27e02c293ae1d9e41}
[13:56:50]
[13:56:50]
                   [Uploading Version] Labeling change set with label: 33
[13:56:50]
                   [Uploading Version] Done labeling change set!
[13:56:50]
                   [Uploading Version] Deleted staging directory: 82287423-34b2-4834-8b1c-57d8f5c7le89
[13:56:50]
             → [Step 2/2] Adding properties to Version
                   [Adding properties to Version] Found component version property sheet id: 440c5a0f-ad98-4036-bb0f-142b7743cda3
[13:56:50]
                   [Adding properties to Version] Calling URI "http://localhost:9090/da/property/propSheet/components%26b2da8761-5d89-45c4-a4
[13:56:50]
             ⊕ [Step 2/2] Adding Status to Version
                   [Adding Status to Version] Applying status "BUILT" to Version 33
[13:56:50]
                   [Adding Status to Version] Calling URI "http://localhost:9090/da/rest/deploy/version/8bb38190-4f2a-4ed3-887e-a28382c0dbcb/
[13:56:50]
             ⊕ [Step 2/2] Deploying Version
[13:56:50]
                   [Deploying Version] Starting deployment of TeamCity Test to Integration
[13:56:51]
                   [Deploying Version] Deployment request URI is: http://localhost:9090/da/app#/application-process-request/e59ee3b7-f998-4ba
[13:56:51] * Publishing internal artifacts
[13:56:51] Build finished
```