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Genesys Rules System Deployment Guide

GRAT Configuration Options

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GRAT Configuration Options

Settings in GRAT

Description	Valid values	Default value	Takes effect
group-by-level (group rules by business level)			
There are three levels of rules: global, department, and process. With value `true`, rules are grouped by business level: • All global rules belong to agenda group `level0`. • Department rules belong to agenda group `level1`. • Process rules belong to agenda group `level2`. When a rule package is executed, `level0` rules are executed first. Updates from this first pass then influence the department (`level1`) rules which are executed in the second pass. Updates from this second pass then influence any process rules (`level2`), which are executed in a third pass. **Note:** The GRE option `sequential-mode` must be false when `group-by-level` is set to `true`. When `group-by-level` is set to `false`, all rules are executed in a single pass. Changes made by a rule do not influence which other rules are executed (unless a Drools “update” or “insert” command is used). *CEP functionality* • Genesys Web Engagement's CEP functionality strips	true/false	true	Immediately

out the rule attribute that indicates which level a rule is associated with. So, the setting of the `group-by-level` has no influence on rule execution.			
max-connections			
Specifies the maximum number of different users that may be connected to the server. Multiple connections from the same user ID are only counted once.	Any positive integer	99	After GRAT restart
session-timeout			
Specifies the amount of time (in minutes) a client session can have no communication with the Rules Authoring Server before timing out. If no value is specified, the timeout (if any) defined by the application server applies. If the value is less than or equal to `0`, the session will not time out.	Any positive integer	30	Immediately
session-timeout-alert-interval			
The amount of time (in minutes), prior to an expected timeout, for a user to be warned of a pending timeout. If no value is specified, or if the value is less than or equal to `0`, the default warning period of 1 minute will be used. For example, if you set the value of this option to 3, the user will be warned 3 minutes prior to an expected timeout. This warning dialog box will prompt the user to extend the session. If the session is not extended, the user will be logged out and the login dialog box will be displayed. Any unsaved changes that the user made during their session will be lost.	Any positive integer	1	Immediately
strict-mode			
This option controls whether or not the rules authoring tool enables *strict* mode in the	true/false	true	Immediately

DROOLS rule compiler. Strict mode will cause the compiler to catch common mistakes when the rule author attempts to validate or save a rule.			
verify-deployer-address			
Indicates whether to verify the TCP address of the application deploying rules to be that of an associated Genesys Rules Engine.	true/false	true	Immediately
display-n-template-versions (new in 8.1.3)			
Specifies the maximum number of versions to display for any published template.	Minimum value 1	3	Immediately
deploy-response-timeout (new in 8.1.3 - not in application template by default)			
Specifies the timeout (in seconds) applied to the deployment of a rule package.	Any positive integer	300	Immediately
require-checkin-comment (new in 8.1.3)			
Specifies whether users must add a check-in comment when committing changes to rules. These comments show up when viewing package history. If the value is set to false (default), users can save changes to rules without specifying a comment.	true/false	false	Immediately
force-snapshot-on-deployment (new in 8.1.3)			
Specifies whether users can deploy only a package snapshot. If the value is `true`, users can only deploy a package snapshot. If `false` (default), users can deploy either the LATEST package or a snapshot.	true/false	false	Immediately
encoding (not in application template by default)			
Activates Unicode support for the conversion of data between the local character set that is used by Configuration			After GRAT restart

Manager and the UTF-8 encoding that is used by the Rules Authoring Server. By default, code page conversion is disabled. To activate this functionality, set this option to the name of a converter that can translate the local character set to UTF format. The converter that is suitable for a particular deployment can be found by using the ICU Converter Explorer. There is no default value for this option. For valid values, see the ICU Home > Converter Explorer pages (http://demo.icu-project.org/icu-bin/convexp).			
clear-repository-cache (new in 8.1.4)			
The GRAT server builds and maintains a cache of the rules repository database (for example, index files, and so on), and stores this on the file system under `WEB-INF/classes/repository`. The cache improves performance when accessing frequently used rules, calendars, and so on. However, this cache must stay synchronized with the rules repository database. Normally, if GRAT is restarted, it re-uses the existing cache, which is synchronized with the rules repository database. In this case, the `clear-repository-option` should be set to `false` (default). However, if you are configuring a second GRAT for warm standby (see High Availability Support), this option should be set to `true` for both the primary and the standby instances of GRAT. Since either GRAT could be brought online in the event of a failure, this option forces GRAT always to rebuild the cache and re-synchronize it with the rules repository database. Setting this option to `true` can delay the startup	true/false	false	After GRAT (re-)start

of GRAT, since the cache must be rebuilt, but it ensures that it is properly synchronized with the rules repository database.			