

# TPL IDE Automation

Basic options, arguments and sets used to start different operational modes for Automation engine.

These options are already available on last version.

## Local options

No active ADDM connections is required. Everything will run on local machine and outputs will be stored in patterns folder.

Name: **tplpreSyntaxCheckSolo**

Description: run syntax check on current single opened pattern.

-full\_path

Name: **tplpreSyntaxCheckRecursiveImports**

Description: run syntax check on current opened pattern after copying all imported patterns recursively for all dependencies.

-full\_path

-recursive\_import

Name: **tplpreSyntaxCheckRecursiveImportsTests**

Description: run syntax check on current opened pattern after copying all imported patterns and patterns listed in test.py - recursively for all dependencies.

-full\_path

-recursive\_import

-read\_test

## Local based on remote options

Active ADDM connections is required. Engine will use ADDM to obtain supported tpl version and create ZIP of patterns for this version only.

Name: **tplpreSyntaxCheckRecursiveImportsTestsZipADDM**

Description: run syntax check on current opened pattern after copying all imported patterns recursively for all dependencies. ZIP only folder of pattern results for correspond ADDM version after TPLPreproc.

-full\_path

-recursive\_import

ADDM conn: ip / tideway / system

Name: **tplpreSyntaxCheckRecursiveImportsZipADDM**

Description: run syntax check on current opened pattern after copying all imported patterns and patterns listed in test.py - recursively for all dependencies. ZIP only folder of pattern results for correspond ADDM version after TPLPreproc.

-full\_path

-recursive\_import

-read\_test

ADDM conn: ip / tideway / system

# Local and remote options

Active ADDM connections is required. Engine will use ADDM to obtain supported tpl version and create ZIP of patterns for this version only, then it will check if ADDM use shared folders and decide to upload patterns to ADDM or just activate local files in mirrored filesystem.

**disco\_mode** used only to initiate pattern activation option, no scan will run.

## Name: **tplpreSyntaxCheckRecursiveImportsZipADDMUpload**

Description: run syntax check on current opened pattern after copying all imported patterns recursively for all dependencies. ZIP only folder of pattern results for correspond ADDM version after TPLPreproc and upload-activate this ZIP on ADDM.

-full\_path

-recursive\_import

ADDM conn: ip / tideway / system

ADDM: -disco\_mode

## Name: **tplpreSyntaxCheckRecursiveImportsTestsZipADDMUpload**

Description: run syntax check on current opened pattern after copying all imported patterns and patterns listed in test.py - recursively for all dependencies. ZIP only folder of pattern results for correspond ADDM version after TPLPreproc and upload-activate this ZIP on ADDM.

-full\_path

-recursive\_import

-read\_test

ADDM conn: ip / tideway / system

ADDM: -disco\_mode

**diso\_mode** and **host\_list** args - initiate scan for ip\host from args:

## Name: **tplpreSyntaxCheckRecursiveImportsZipADDMUploadScan**

Description: run syntax check on current opened pattern after copying all imported patterns recursively for all dependencies. ZIP only folder of pattern results for correspond ADDM version after TPLPreproc and upload-activate this ZIP on ADDM and start Scan of listed hosts.

-full\_path

-recursive\_import

ADDM conn: ip / tideway / system

ADDM: -disco\_mode

ADDM: -host\_list

## Name: **tplpreSyntaxCheckRecursiveImportsTestsZipADDMUploadScan**

Description: run syntax check on current opened pattern after copying all imported patterns and patterns listed in test.py - recursively for all dependencies. ZIP only folder of pattern results for correspond ADDM version after TPLPreproc and upload-activate this ZIP on ADDM and start Scan of listed hosts.

-full\_path

-recursive\_import

-read\_test

ADDM conn: ip / tideway / system

ADDM: -disco\_mode

ADDM: -host\_list

no imports will run, only upload or upload and scan of single pattern:

## Name: **tplpreSoloSyntaxCheckZipADDMUpload**

Description: run syntax check on current opened pattern ZIP only folder of pattern results for correspond ADDM version after TPLPreproc and upload-activate this ZIP on ADDM.

-full\_path

ADDM conn: ip / tideway / system

ADDM: -disco\_mode

## Name: **tplpreSoloSyntaxCheckZipADDMUploadScan**

Description: run syntax check on current opened pattern ZIP only folder of pattern results for correspond ADDM version after TPLPreproc and upload-activate this ZIP on ADDM and start Scan of listed hosts.

-full\_path

ADDM conn: ip / tideway / system

ADDM: -disco\_mode

ADDM: -host\_list

# Planned "Local and remote options"

These options can be added into this engine in future versions.

Arguments are listed separately with description of each other.

## In progress:

Name: run\_test

Description: Run test which is related to current pattern if test.py exist. Save result in log and in current working directory.

-run\_test

Name: related\_tests

Description: Read each test.py file in tku\_patterns and compose set of **pattern:tests** where active pattern is used. Execute each test starting from main pattern's test one by one, save result log in current pattern folder.

-related\_tests

Name: tpl

Description: Ignored option. In progress... Set this to correspond tpl version to upload folder of TPLPreprocessor output result ignoring ADDM tpl version check procedure. Use when you want upload older or newer tpl on ADDM If file is not a .tplpre - this option will be ignored.

-tpl

## Idea:

Name: create\_model

Description: when scan is finished - use test.py queries to generate model of all needed SIs. Optionally - can be used to model everything to see and debug whole picture of scan for all SI available.

-no\_arg

Name: verify\_model

Description: based on results from above - check if next scan have same nodes, print differences.

-no\_arg

Name: generate test



Description: create draft of test.py for new product and add used queries, patterns models in it.

-no\_arg

