

1. invoke requirements

support python language invoke. Parser can be implimented as a microservice and provide the rest api; or a Python lib.

2. parameter requirements

2.1. input parameter requirement:

`path` string The full path of template file, which may be local file or remote file with url

if the path is remote file, the suffix must be zip or csar, and the parameter of `a_file` is False

if the path is local file, the suffix may be yaml、zip or csar, and the parameter of `a_file` is True

`parsed_params` string list of pair with key value, example: `para1=1, para2="xyz"...`

2.2 output parameter requirement:

contains all the TOSCA template infomations, including metadata infomations

support JSON Format or python object

3. Supports TOSCA simple specification

Support <http://docs.oasis-open.org/tosca/TOSCA-Simple-Profile-YAML/v1.0/TOSCA-Simple-Profile-YAML-v1.0.html>

4.Supports custom defined Node Type

NFV Node Types are introduced as custom defined node types in the blueprint.

5. Parsing requirements for 'inputParameters' parameter

If the request parameter 'inputParameters' is not null, the 'get_input:XXX' portions of the template should be replaced by actual values of the input parameters, The content of imported templates should also be parsed and included in the JSON result.