ODRL Generic Rule Evaluation Flow

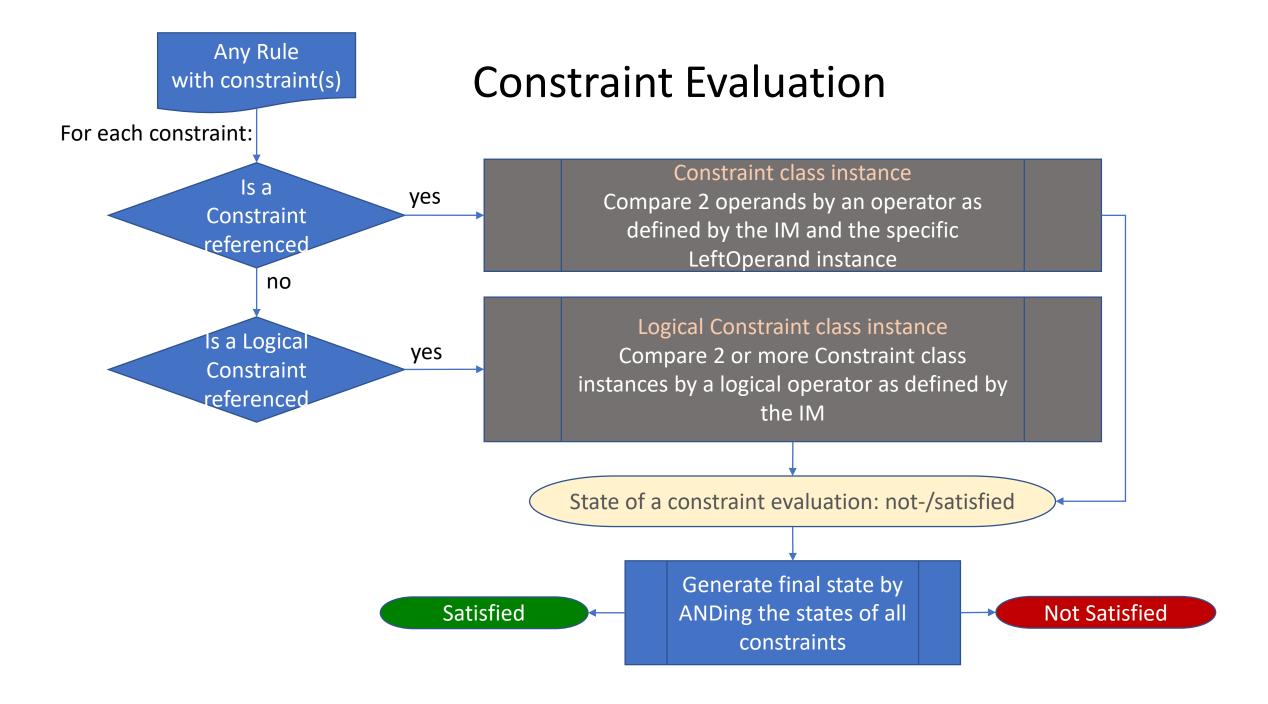
(revision 1, 2017-11-02)

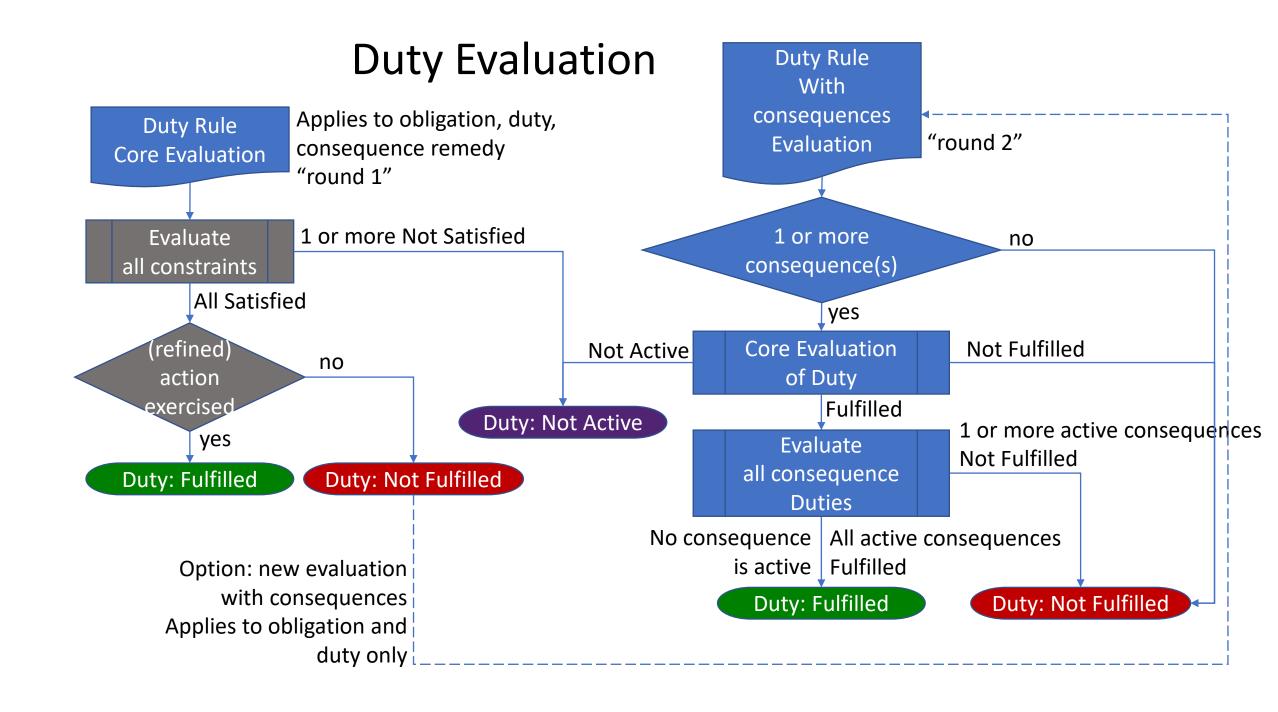
Based on the ODRL Information Model (IM) Candidate Recommendation of 26 September 2017, https://www.w3.org/TR/odrl-model/ By Michael Steidl (IPTC/NewsIT)

This document covers how a Logical/Constraint, a Duty, a Permission or a Prohibition should be evaluated in a generic way.

Legend:

- Process or decision boxes in blue: processed as defined by the IM
- Process or decision boxes in grey: considered as black box, generating/retrieving these values is not part of a Generic Rule Evaluation, only their state is considered.
- _____ = an evaluation process covered by this document and/or the IM
- Casing:
- -- properties start with lower case (constraint, duty, obligation, consequence, remedy)
- -- classes start with upper case (Rule, Duty, Permission, Prohibition)





Permission Evaluation Permission **Not Satisfied Evaluate** all constraints Satisfied 1 or Evaluate yes more all duties duties no 1 or more active duties All active duties Fulfilled Not Fulfilled No duty is active

Permission: Not Allowed

Permission: Not Active

Permission: Allowed

Prohibition Evaluation

