

RuleML2TPTP Project

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Introduction

`http://edmonl.github.io/RuleML2TPTP`

- Quick start
- Project releases
- RuleML examples
- Datalog⁺ schema
- Project wiki (FAQ)
- ...

Introduction

- Supported
 - `<Assert>`, `<Query>`, `<Or>`, ...
- Unsupported
 - `<Retract>`, `<Data>`

XSLT

- Push style, in contrast to pull style
- Pretty print

Variables, Constants and Functors

- Variables
 - Uppercase first letter
- Constants and functors
 - Lowercase first letter
 - Single-quote
- Warnings

Build and Run (Demo)

```
$ ls -R
$ ant jar
$ java -jar ruleml2tptp -h
$ java -jar ruleml2tptp \
  [-s <file>] [-o <file>]
```

Java coding

- Call Saxon directly?
- Shell scripts?
- Java!

Comments

- Selected by matching
- Converted to proper commenting syntax

Comments (Demo)

```
$ java -jar ruleml2tptp \  
  -c [<pattern>] -g <flags> ...
```

Miscellaneous Options

- -r: use CRLF instead of LF (default)
- -nt, -nn: only normalize or translate
- -t: specify factory class

Summary

`http://edmon1.github.io/RuleML2TPTP`

- Finished on schedule
- An open project
- Leave your comments