Functional Design of ‘TestPredLogic’

Specify authors in Ampersand with: META "authors" "<author names>"

21 July 2020

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# Diagnosis

This chapter provides an analysis of the Ampersand script of *‘TestPredLogic’*. This analysis is intended for the author(s) of this script. It can be used to complete the script or to improve possible flaws.

Concepts A, B, A, and B remain without a purpose.

The relations , , and all lack both a purpose and a meaning.

All relations in this document are being used in one or more rules.

Rules are defined without documenting their purpose:

* *r2*
* /Users/sjo00577/git/Ampersand/testing/Travis/testcases/FuncSpec/testPredLogic.adl:18:1
* *s2*
* /Users/sjo00577/git/Ampersand/testing/Travis/testcases/FuncSpec/testPredLogic.adl:17:1

Rules are defined, the meaning of which is documented by means of computer generated language:

* *r2*
* For all b, a: There exists b', a': b' r b and b' s a' and a t a'
* *s2*
* For all a, a': There exists b: a s b and a' t b
* *t1*
* For all b, b':  
  If (There exists a, a': a t b and not (  
  a is equivalent to a') and a' t b') then not (  
  b is equivalent to b')

The table below shows for each theme (i.e. pattern) the number of relations and rules, followed by the number and percentage that have a reference. Relations declared in multiple themes are counted multiple times.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Theme | Relations | With reference | % | Rules | Entire context | % |
| Entire context | 3 | 0 | 0% | 4 | 0 | 0% |

The population in this script does not specify any work in progress.

The population in this script violates no rule.