Diagnosis of ‘TestPredLogic’

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

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# 1 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 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.

The following rules have neither a purpose nor a meaning.

* *r2* (testPredLogic.adl:18:1)
* For all b, a: There exists b', a': b' r b and b' s a' and a t a'
* *r3* (testPredLogic.adl:19:1)
* For all b, a: (There exists b', a': b' r b and b' s a' and a t a') and a t b
* *s2* (testPredLogic.adl:17:1)
* For all a, a': There exists b: a s b and a' t b

The following rule is not accompanied by a meaning written in natural language:

* *t1* (testPredLogic.adl:15:1)
* 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% | 5 | 0 | 0% |

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

The population in this script violates no rule.