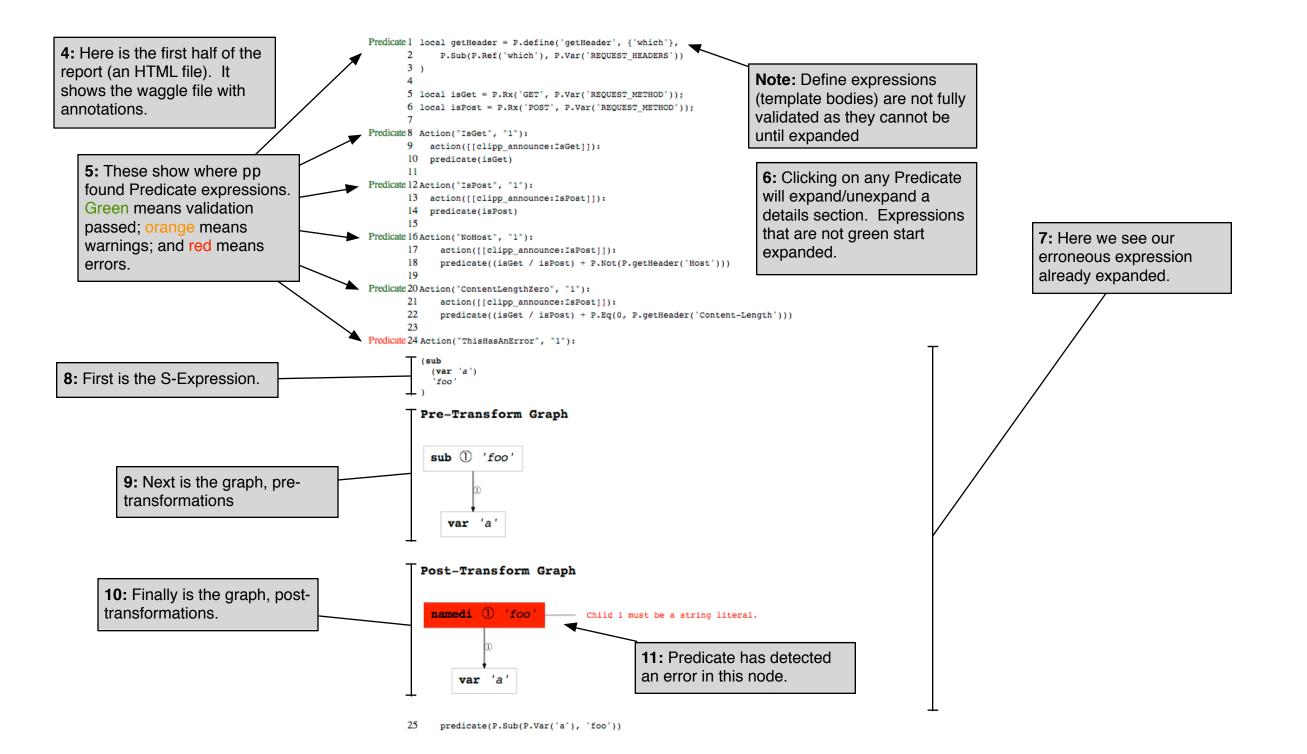
```
local getHeader = P.define('getHeader', {'which'},
         P.Sub(P.Ref('which'), P.Var('REQUEST_HEADERS'))
    local isGet = P.Rx('GET', P.Var('REQUEST_METHOD'));
    local isPost = P.Rx('POST', P.Var('REQUEST_METHOD'));
7
    Action("IsGet", "1"):
9
       action([[clipp_announce:IsGet]]):
       predicate(isGet)
10
11
    Action("IsPost", "1"):
12
      action([[clipp_announce:IsPost]]):
13
       predicate(isPost)
14
15
    Action("NoHost", "1"):
16
        action([[clipp_announce:IsPost]]):
17
         predicate((isGet / isPost) + P.Not(P.getHeader('Host')))
18
19
    Action("ContentLengthZero", "1"):
20
         action([[clipp_announce:IsPost]]):
21
22
         predicate((isGet / isPost) + P.Eq(0, P.getHeader('Content-Length')))
23
24
    Action("ThisHasAnError", "1"):
                                                  2: Note that this expression
                                                  has an error.
        predicate(P.Sub(P.Var('a'), 'foo')) ←
25
26
```

1: Here an example of a few Waggle Predicate rules.

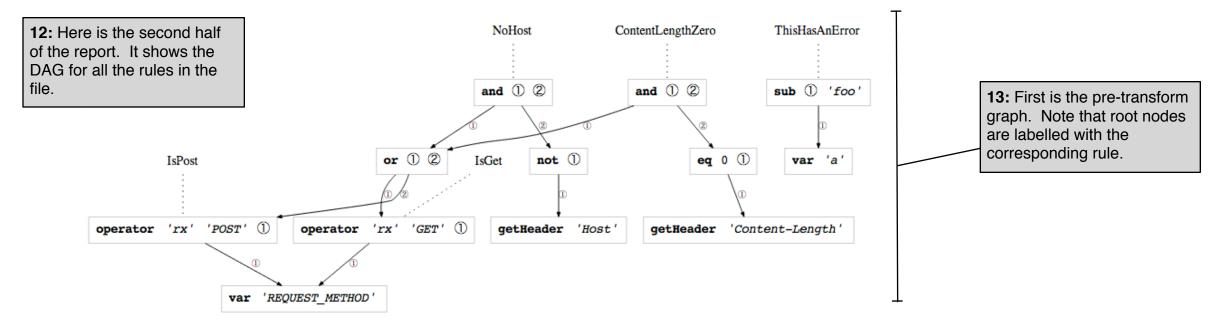
3: Saving this file as waggle. lua, we can generate a report on it by running

pp.rb waggle.lua

pp.rb is located in the predicate subdirectory.



Pre-Transform Graph



Post-Transform Graph

