

Crux: BRE/WFE - Task #17972

Check the trace data spec

18/02/2024 11:56 PM - Shuvam Misra

| | | | |
|--|----------------|------------------------|-----------------------|
| Status: | Closed | Start date: | |
| Priority: | Normal | Due date: | 29/02/2024 |
| Assignee: | Sachin Divekar | % Done: | 100% |
| Category: | | Estimated time: | 0.00 hour |
| Target version: | Sprint 29 Feb | | |
| Description | | | |
| The trace data generated by doMatch() is in a structure given in JSON and Go in the page https://github.com/remiges-tech/crux/wiki/Traversal-trace-structure | | | |
| This page has been updated today. It needs to be checked to see if the structures are valid, if all data is being reported as expected, and if the Go data structure can be converted to the JSON by a simple marshalling (specially doubtful about the "pattern" object in L2 trace). | | | |
| Related issues: | | | |
| Precedes Crux: BRE/WFE - Task #17951: doMatch() tracing: Level 1 | | Testing | 01/03/2024 12/04/2024 |
| Precedes Crux: BRE/WFE - Task #17952: doMatch() tracing: Level 2 | | Testing | 01/03/2024 01/03/2024 |

History

#1 - 18/02/2024 11:57 PM - Shuvam Misra

- Precedes Task #17951: doMatch() tracing: Level 1 added

#2 - 18/02/2024 11:58 PM - Shuvam Misra

- Precedes Task #17952: doMatch() tracing: Level 2 added

#4 - 25/02/2024 10:11 PM - Sachin Divekar

- Status changed from New to In Progress

#5 - 27/02/2024 09:56 PM - Sachin Divekar

- In TraceDataRule_t, res could be enum instead of string. Updated the wiki to add it:

```
type ResCode_t int
```

```
const (  
    Match ResCode_t = iota // "+"  
    Mismatch // "-"  
    ThenCall // "+c"  
    ElseCall // "-c"  
    Return // "<"  
    Exit // "<<"  
)
```

- Created ActionSet_t as a separate type to be used for actionset field in TraceDataRuleL2_t instead of anonymous struct:

```
type ActionSet_t struct {  
    Tasks []string  
    Properties map[string]string  
}  
  
type TraceDataRuleL2_t struct {  
    pattern []TraceDataRuleL2Pattern_t  
    tasks []string  
    properties map[string]string  
    nextset int  
    actionset ActionSet_t  
}
```

- In TraceDataRuleL2_t updated properties to be slice of map:

```
properties []map[string]string
```

#6 - 27/02/2024 09:59 PM - Sachin Divekar

- File *out.json* added

- File *main.go* added

I have tested JSON marshalling by writing a sample Go program that declares these data structures, creates an instance of trace and then marshals it. It is working fine. Attaching the program and the output.

#7 - 27/02/2024 10:00 PM - Sachin Divekar

- % Done changed from 0 to 100

- Status changed from *In Progress* to *Closed*

Files

| | | | |
|----------|---------|------------|----------------|
| out.json | 2.59 KB | 27/02/2024 | Sachin Divekar |
| main.go | 3.03 KB | 27/02/2024 | Sachin Divekar |