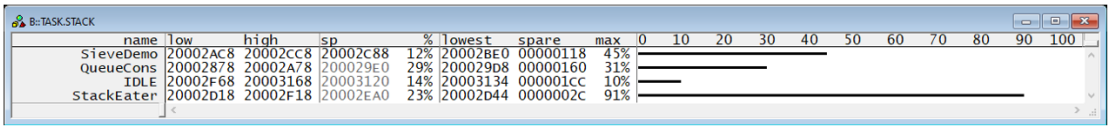
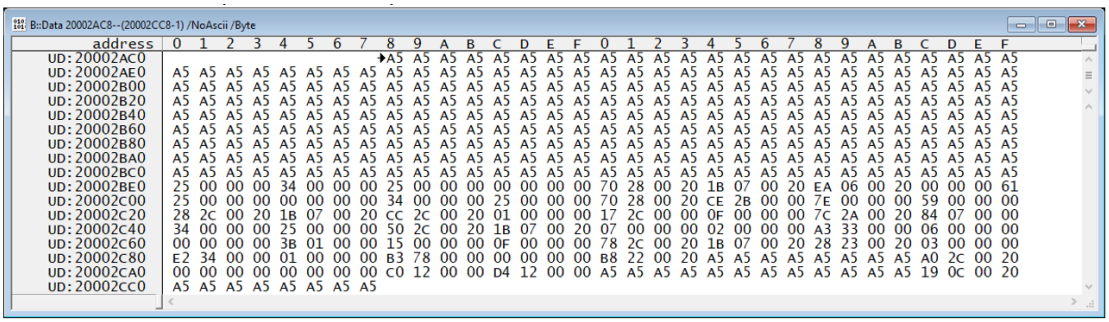
Why does TASK.STacK show 100% stack usage for all tasks?

2026-06-07 - Comments (0) - OS-aware debugging

TRACE32 OS awareness provides the start and end addresses of each task's stack (`low` and `high`). To determine stack usage, TRACE32 scans the memory within this range and compares its contents against a predefined fill pattern.

For example, in the screenshots below, the expected pattern is `0xA5`.





If TRACE32 is configured to expect a different pattern than the one actually used by the operating system, it will incorrectly report 100% stack usage in **TASK.STacK**.

To resolve this, specify the correct fill pattern with the command:

```
TASK.STacK.PATtern
```

For more details, refer to the description of this command in the General Commands Reference Guide T.