## **Technical Details: ScanInfo**

To have a general procedure creating a scan-related data structure.

```
ScanInfo
{ start: 0,
    stop: 1,
    integ_time: 0.1,
    nr_inrerv: 10,
    description: "ascan exp_dmy01 0 1 10 0.1",
    motorName(s)
    motorPositon(s): ...
}
```

## Use cases:

- Signal\_generator counter, used for various tests, needs ScanID and nr\_interval
- SardanaMonitor: monitoring tool, needs pre-scan positions
- mvsa: move based on a simple scan analysis, needs motor name

Currently implemented as a MacroServer env. variable in the pre\_scan hook.

