Trends (see also Alerts)

Project TFS path: $/Firmware-SVI II AP FF/FD-SW

Project changeset version: 37956-47606

Starting point: Trends update

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Containing file | | FD-SW/target/appl/fdev/src/mn\_trends.c | Review Date | Reviewer |
|  | | | | |
| Function or data | | UpdateTrends | 15-05-21 | AK |
| TFS wit |  | Non-compliant name for public function | | |
| Impact | | Coding standard | | |
| Resolution | |  | | |
| TFS wit |  | Checks for mode and status can be hoisted outside the loop | | |
| Impact | | Efficiency | | |
| Resolution | |  | | |
| TFS wit |  | Checks for mode is more efficient as (… & (MODE\_AUTO|MODE\_MAN|MODE\_LO))!=0 | | |
| Impact | | Efficiency | | |
| Resolution | |  | | |
| TFS wit |  | Why do we care about mode if we check status? | | |
| Impact | | Efficiency, design | | |
| Resolution | |  | | |
| TFS wit |  | Use of ffcheck\_ReadBitmap: It is probably better to do calculations unconditionally and block/form the read in the read handler | | |
| Impact | | More uniform system timing; suggestion | | |
| Resolution | |  | | |
|  | | | | |
| Function or data | | WriteTravel | 15-05-21 | AK |
| TFS wit |  | Non-compliant name for public function | | |
| Impact | | Coding standard | | |
| Resolution | |  | | |
| TFS wit |  | FF\_UNITS\_RAD and other units check – code duplication; should be factored out in a common entiity | | |
| Impact | | Maintainability | | |
| Resolution | |  | | |
| TFS wit |  | Sub-integer loop counter strongly discouraged | | |
| Impact | | Efficiency; known issues with IAR compiler in the past | | |
| Resolution | |  | | |
| TFS wit |  | Not sure what all the conversion between integer and float means. Do we care about rounding in conversion? | | |
| Impact | | Unclear design/not reviewable | | |
| Resolution | |  | | |