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| <u>Document Content:</u> | Changes between the Version M730053a to M730053b |
| <u>Division:</u> | SV P ED |
| <u>Document Owner:</u> | Khosrau Heidary, SV P ED T DA RBG |
| <u>Release Status:</u> | Released |
| <u>Release Date:</u> | 2004/02/24 |
| <u>Description:</u> | This document shows the changes that where made to the C Coding Rules version M730053a due to the revision to the version M730053b |

Changes between M730053a and M730053b

Legend:

N = New
X = Removed
B = Big changes in content
S = Small changes in content
W = Changes in wording or formatting

Weighting for change calculation:

N = 100%, X = 100%, B = 70%,
S = 35%, W = 10%
Titel = 15%, Descr. = 25%,
Backgr. = 15%, Note = 15%,
Scope = 10%, Verif. = 3%,
Example = 15%, Ref. = 2%

General:

- Scope, Purpose and Terminology changed
- "Scope" (required/advisory) changed to "Class" (A/B)
- New Chapter with views on the rules

Rules:

| Rule_ID | Changed | Title | Descr | Backgr | Note | Scope | Verif | Exmpl | Ref |
|---------|---------|-------|-------|--------|------|-------|-------|-------|-----|
| G.0 | 100% | N | N | N | N | N | N | N | N |
| G.1 | 15% | | | | N | | | | |
| G.2 | 3% | | W | | | | | | |
| G.3 | 0% | | | | | | | | |
| G.4 | 5% | | | | S | | | | |
| G.5 | 23% | S | S | | | S | | S | S |
| G.6 | 32% | S | S | | S | B | | S | S |
| G.7 | 13% | | W | | B | | | | |
| C.1 | 15% | | | | N | | | | |
| C.2 | 3% | | W | | | | | | |
| C.3 | 0% | | | | | | | | |
| C.4 | 16% | | | | N | | S | | |
| C.5 | 1% | | | | | | S | | |
| C.6 | 2% | | | | | | S | | S |
| C.7 | 12% | W | S | | | | | | B |
| C.8 | 100% | N | N | N | N | N | N | N | N |
| D.1 | 1% | | | | | | | | S |
| D.2 | 1% | | | | | | | | S |
| D.3 | 9% | | S | | | | | | S |
| D.4 | 0% | | | | | | | | |
| D.5 | 11% | | | | | | | B | |
| D.6 | 15% | | | | N | | | | |
| D.7 | 0% | | | | | | | | |
| D.8 | 8% | W | | | | | S | S | |
| D.9 | 14% | | S | | S | | | | |
| D.10 | 0% | | | | | | | | |
| D.11 | 0% | | | | | | | | |
| D.12 | 4% | | W | | | | S | | |
| D.13 | 5% | W | | | | S | | | |
| D.14 | 63% | B | B | B | B | S | | B | |
| D.15 | 15% | | | | N | | | | |
| D.16 | 3% | W | | | | | S | | |
| D.17 | 0% | | | | | | | | |
| D.18 | 1% | | | | | | S | | |
| D.19 | 74% | B | B | B | N | B | B | B | S |

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|------|------|---|---|---|---|---|---|---|---|
| D.20 | 46% | S | B | B | | | S | B | S |
| D.21 | 100% | X | X | X | X | X | X | X | X |
| D.22 | 16% | | | | N | | S | | |
| D.23 | 11% | | | S | | S | S | W | |
| D.24 | 5% | S | | | | | | | |
| D.25 | 0% | | | | | | | | |
| D.26 | 13% | | S | | | S | | | S |
| D.27 | 34% | S | S | | N | | | S | |
| D.28 | 18% | | S | | | S | | S | S |
| D.29 | 1% | | | | | | S | | |
| D.30 | 100% | X | X | X | X | X | X | X | X |
| D.31 | 100% | N | N | N | N | N | N | N | N |
| D.32 | 100% | N | N | N | N | N | N | N | N |
| D.33 | 100% | N | N | N | N | N | N | N | N |
| D.34 | 100% | N | N | N | N | N | N | N | N |
| D.35 | 100% | N | N | N | N | N | N | N | N |
| O.1 | 35% | | B | S | | | | B | X |
| O.2 | 15% | | S | | | | S | S | |
| O.3 | 16% | S | S | | | | | W | |
| O.4 | 0% | | | | | | | | |
| O.5 | 1% | | | | | | S | | |
| O.6 | 36% | B | S | S | S | | | S | S |
| O.7 | 100% | X | X | X | X | X | X | X | X |
| O.8 | 21% | | | | N | S | | | X |
| O.9 | 51% | B | B | B | | | | B | N |
| O.10 | 15% | | S | | | | | S | S |
| O.11 | 14% | W | S | | | | | W | N |
| O.12 | 47% | B | B | | N | | B | | N |
| O.13 | 0% | | | | | | | | |
| O.14 | 27% | | S | W | N | | | | N |
| O.15 | 100% | X | X | X | X | X | X | X | X |
| O.16 | 100% | X | X | X | X | X | X | X | X |
| O.17 | 100% | N | N | N | N | N | N | N | N |
| O.18 | 100% | N | N | N | N | N | N | N | N |
| O.19 | 100% | N | N | N | N | N | N | N | N |
| O.20 | 100% | N | N | N | N | N | N | N | N |
| O.21 | 100% | N | N | N | N | N | N | N | N |
| O.22 | 100% | N | N | N | N | N | N | N | N |
| S.1 | 5% | | | | | S | | W | |
| S.2 | 4% | | | | | S | | | |
| S.3 | 31% | B | | | N | S | | | N |
| S.4 | 4% | | | | | S | | | |
| S.5 | 18% | | | | N | | B | | S |
| S.6 | 2% | | | | | | S | | S |
| S.7 | 15% | | S | | | | S | S | |
| S.8 | 10% | | S | | | | S | | |
| S.9 | 28% | | S | | S | | S | B | N |
| S.10 | 5% | | | | | | | S | |
| S.11 | 16% | | S | | | | | S | N |
| S.12 | 20% | S | S | | | | | S | S |
| S.13 | 0% | | | | | | | | |
| S.14 | 1% | | | | | | S | | |

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|------|------|---|---|---|---|---|---|---|---|
| S.15 | 14% | | | | | | S | B | N |
| S.16 | 29% | | S | | N | | | S | |
| S.17 | 100% | N | N | N | N | N | N | N | N |
| S.18 | 100% | N | N | N | N | N | N | N | N |
| F.1 | 22% | | | | N | | S | S | S |
| F.2 | 71% | B | B | X | N | | S | B | B |
| F.3 | 0% | | | | | | | | |
| F.4 | 1% | | | | | | | | S |
| F.5 | 33% | B | B | W | | | S | W | S |
| F.6 | 28% | | | | N | | | B | N |
| F.7 | 100% | N | N | N | N | N | N | N | N |
| F.8 | 100% | N | N | N | N | N | N | N | N |
| F.9 | 100% | N | N | N | N | N | N | N | N |
| F.10 | 100% | N | N | N | N | N | N | N | N |
| F.11 | 100% | N | N | N | N | N | N | N | N |
| P.1 | 49% | B | B | B | | | | B | |
| P.2 | 22% | | | | N | | | S | N |
| P.3 | 8% | | W | | | | | S | |
| P.4 | 21% | | | | N | | | S | S |
| P.5 | 30% | | S | B | | | | B | |
| P.6 | 5% | | | | | | | S | |
| P.7 | 1% | | | | | | | | S |
| P.8 | 100% | N | N | N | N | N | N | N | N |
| P.9 | 100% | N | N | N | N | N | N | N | N |
| P.10 | 100% | N | N | N | N | N | N | N | N |
| P.11 | 100% | N | N | N | N | N | N | N | N |
| P.12 | 100% | N | N | N | N | N | N | N | N |
| A.1 | 0% | | | | | | | | |
| A.2 | 9% | | S | | | | | | |
| A.3 | 4% | | | W | | | B | | |
| A.4 | 14% | | S | S | | | | | |
| A.5 | 100% | N | N | N | N | N | N | N | N |
| A.6 | 100% | N | N | N | N | N | N | N | N |
| A.7 | 100% | N | N | N | N | N | N | N | N |
| N.1 | 100% | N | N | N | N | N | N | N | N |
| N.2 | 100% | N | N | N | N | N | N | N | N |
| N.3 | 100% | N | N | N | N | N | N | N | N |
| N.4 | 100% | N | N | N | N | N | N | N | N |
| N.5 | 100% | N | N | N | N | N | N | N | N |
| N.6 | 100% | N | N | N | N | N | N | N | N |

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|-----------------------------|--|-----|----------------------|
| Number of changed Rules: | | 75 | Alteration rate: 42% |
| Number of new Rules: | | 34 | |
| Number of removed Rules: | | 5 | |
| Number of unchainged Rules: | | 13 | |
| Number of valid Rules: | | 122 | |