Assignment #1

Assignment #1

You will read RTCA-DO standards for HW (DO-254) and SW (DO-178) design and verification in the avionics application field.

Groups Zibba and The leading guy will read RTCA-DO-254:

- Both groups will read section "SYSTEM ASPECTS OF HARDWARE DESIGN ASSURANCE" (pages 9 to 19)

- Group Zibba will then read section "HARDWARE DESIGN LIFE CYCLE" (pages 21 to 36)

- Wile group The leading guy will read section "VALIDATION AND VERIFICATION PROCESS" (pages 37 to 45)

- You will prepare a presentation and you will have about 20 minutes to present the first common part and then each group will have about 20 minutes to present its own part

Assignment #1

You will read RTCA-DO standards for HW (DO-254) and SW (DO-178) design and verification in the avionics application field.

Groups gaLoni and Gnut will read RTCA-DO-178:

- Both groups will read section "SYSTEM ASPECTS RELATING TO SOFTWARE DEVELOPMENT" (pages 5 to 11)

- Group gaLoni will then read section "SOFTWARE LIFE CYCLE" (pages 13 to 23)

- While group Gnut will read section "SOFTWARE VERIFICATION PROCESS" (pages 25 to 33)

- You will prepare a presentation and you will have about 20 minutes to present the first common part and then each group will have about 20 minutes to present its own part

Assignment #1

RTCA-DO standards are not publicly available (I cannot upload them on the course website)

Please, one student per group send me an email and I will distribute you the pdf.