TEKLRN

R LEVEL 28

1. The R API: entry points for C code

2. Memory allocation

3. Transient storage allocation

4. User-controlled memory

5. Error signaling

6. Error signaling from Fortran

7. Random number generation

8. Missing and IEEE special values

9. Printing

10. Printing from Fortran

11. Calling C from Fortran and vice versa

12. Fortran character strings

13. Fortran LOGICAL

14. Numerical analysis subroutines

15. Distribution functions

16. Mathematical functions

17. Numerical Utilities

18. Mathematical constants

19. Optimization

20. Integration

21. Utility functions

22. Re-encoding

23. Condition handling and cleanup code

24. Allowing interrupts

25. Platform and version information

26. Inlining C functions

27. Controlling visibility

28. Using these functions in your own C code

29. Organization of header files