TEKLRN

R LEVEL 27

1. System and foreign language interfaces
2. Operating system access
3. Interface functions .C and .Fortran
   - dyn.load and dyn.unload
4. Registering native routines
5. Speed considerations
   - Example: converting a package to use registration
6. Linking to native routines in other packages
7. Creating shared objects
   - Interfacing C++ code
   - External C++ code
8. Fortran I/O
9. Linking to other packages
10. Unix-alikes
11. Windows
12. Handling R objects in C
13. Handling the effects of garbage collection
14. Allocating storage
15. Details of R types
16. Attributes
17. Classes
18. Handling lists
19. Handling character data
20. Finding and setting variables
21. Some convenience functions

22. Semi-internal convenience functions

23. Named objects and copying

24. Interface functions .Call and .External
    - Calling .Call
    - Calling .External

25. Missing and special values

26. Evaluating R expressions from C

27. Zero-finding

28. Calculating numerical derivatives

29. Parsing R code from C

30. Accessing source references

31. External pointers and weak references
    - An example

32. Vector accessor functions

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