Oracle and R

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Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle’s products remains at the sole discretion of Oracle.
Oracle R Technologies

Oracle R Distribution
- ROracle
- Oracle R Enterprise

Oracle R Advanced Analytics for Hadoop
Oracle is a founding member of the R consortium

- **ISC Projects**

- **ISC Working Groups**
  - **Code Coverage** – enhance and extend capabilities for the R community
    - Enhance `covr` package, e.g., branch coverage, parallel code, performance assessment
    - Broaden code coverage use within R Community and CRAN
  - **Native APIs** – intuitive, consistent, and verifiable API to drive R language adoption
    - Reduce learning curve for writing apps/packages that require native code
    - Enable easier evolution of R runtime
    - Facilitate alternative implementations to support R apps/packages that include native code
Opportunities for the R Community with CRAN packages

- Licensing
- Code Coverage
- Security
Opportunities for the R Community with CRAN packages

Licensing
- Guidance on license usage for the R user community
- Flag package hierarchy inconsistencies

Code Coverage
- Important metric to aid code quality
- Encourage test suite usage
- Automate in CRAN w/reporting

Security
- Assess security vulnerabilities
- Leverage native code scanners
- Automate in CRAN w/reporting
Learn More about Oracle’s Advanced Analytics R Technologies...

http://oracle.com/goto/R

R Technologies from Oracle

Bringing the Power of R to the Enterprise