

# Package ‘prof.tree’

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**Type** Package

**Title** An Alternative Display Profiling Data as Tree Structure

**Description** An alternative data structure for the profiling information generated by Rprof().

**Version** 0.1.0

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**URL** <https://github.com/artemklevtsov/prof.tree>

**BugReports** <https://github.com/artemklevtsov/prof.tree/issues>

**License** GPL (>= 2)

**Depends** R (>= 3.0.0)

**Imports** data.tree

**RoxygenNote** 5.0.1

**Collate** 'env.R' 'parse.R' 'prof-tree.R'

**Suggests** testthat, covr

**NeedsCompilation** no

**Repository** CRAN

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`prof.tree`*Summarise Output of R Sampling Profiler*

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**Description**

Summarise the output of the Rprof function to show the amount of time used by different R functions.

**Usage**

```
prof.tree(filename = "Rprof.out")  
  
## S3 method for class 'ProfTree'  
print(x, limit = 10, ...)
```

**Arguments**

<code>filename</code>	Name of a file produced by Rprof().
<code>x</code>	A ProfTree object.
<code>limit</code>	The maximum number of nodes to print. Can be NULL if the entire tree should be printed.
<code>...</code>	not used.

**Examples**

```
Rprof(tmp <- tempfile())  
example(glm)  
Rprof(NULL)  
tree <- prof.tree(tmp)  
print(tree, limit = 20)  
unlink(tmp)
```

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`print.ProfTree (prof . tree), 2`  
`prof . tree, 2`