

Chapter 42: Inspecting packages

Packages build on base R. This document explains how to inspect installed packages and their functionality. Related Docs: Installing packages

Section 42.1: View Package Version

Conditions: package should be at least installed. If not loaded in the current session, not a problem.

```
## Checking package version which was installed at past or
## installed currently but not loaded in the current session

packageVersion("seqinr")
# [1] '3.3.3'
packageVersion("RWeka")
# [1] '0.4.29'
```

Section 42.2: View Loaded packages in Current Session

To check the list of loaded packages

```
search()
```

OR

```
(.packages())
```

Section 42.3: View package information

To retrieve information about dplyr package and its functions' descriptions:

```
help(package = "dplyr")
```

No need to load the package first.

Section 42.4: View package's built-in data sets

To see built-in data sets from package dplyr

```
data(package = "dplyr")
```

No need to load the package first.

Section 42.5: List a package's exported functions

To get the list of functions within package dplyr, we first must load the package:

```
library(dplyr)
ls("package:dplyr")
```
