

easy_labs

Jonathan Sidi

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```
library(dplyr)

##
## Attaching package: 'dplyr'
## The following objects are masked from 'package:stats':
##
##   filter, lag
## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union

library(ggplot2)

label <- function(.data,vars,labels){

  IDX <- match(vars,names(.data))

  for(i in 1:length(IDX)){
    attr(.data[[IDX[i]]],'label') <- labels[i]
  }

  .data
}

easy_labs <- function(...){

p <- last_plot()

dat_labs <- sapply(p$data,attr,which='label')
man_labs <- list(...)

args <- lapply(p$labels,function(x){
  if(x%in%names(dat_labs))
    dat_labs[[x]]
})

man_labs <- list(...)

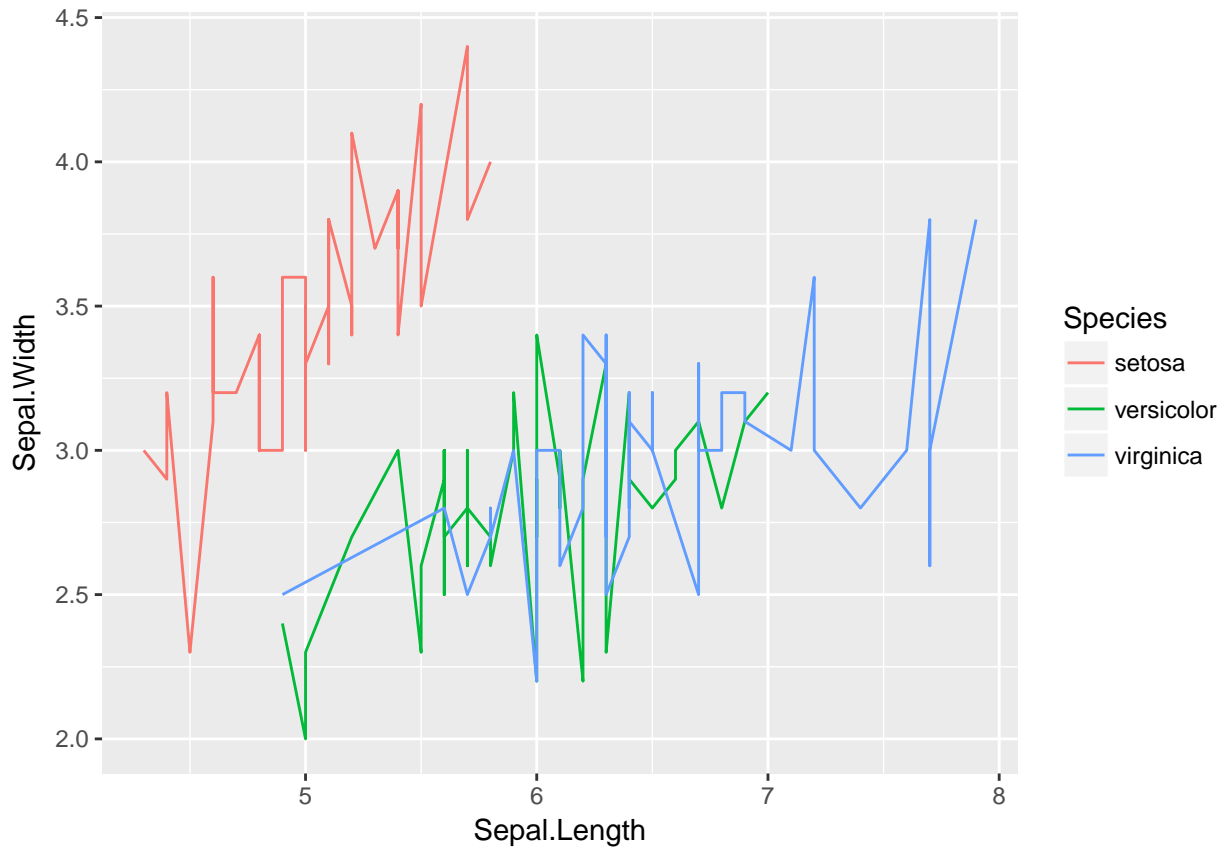
if(length(man_labs)>0)
  for(nm in names(man_labs))
    args[[nm]] <- man_labs[[nm]]

structure(args, class = "labels")

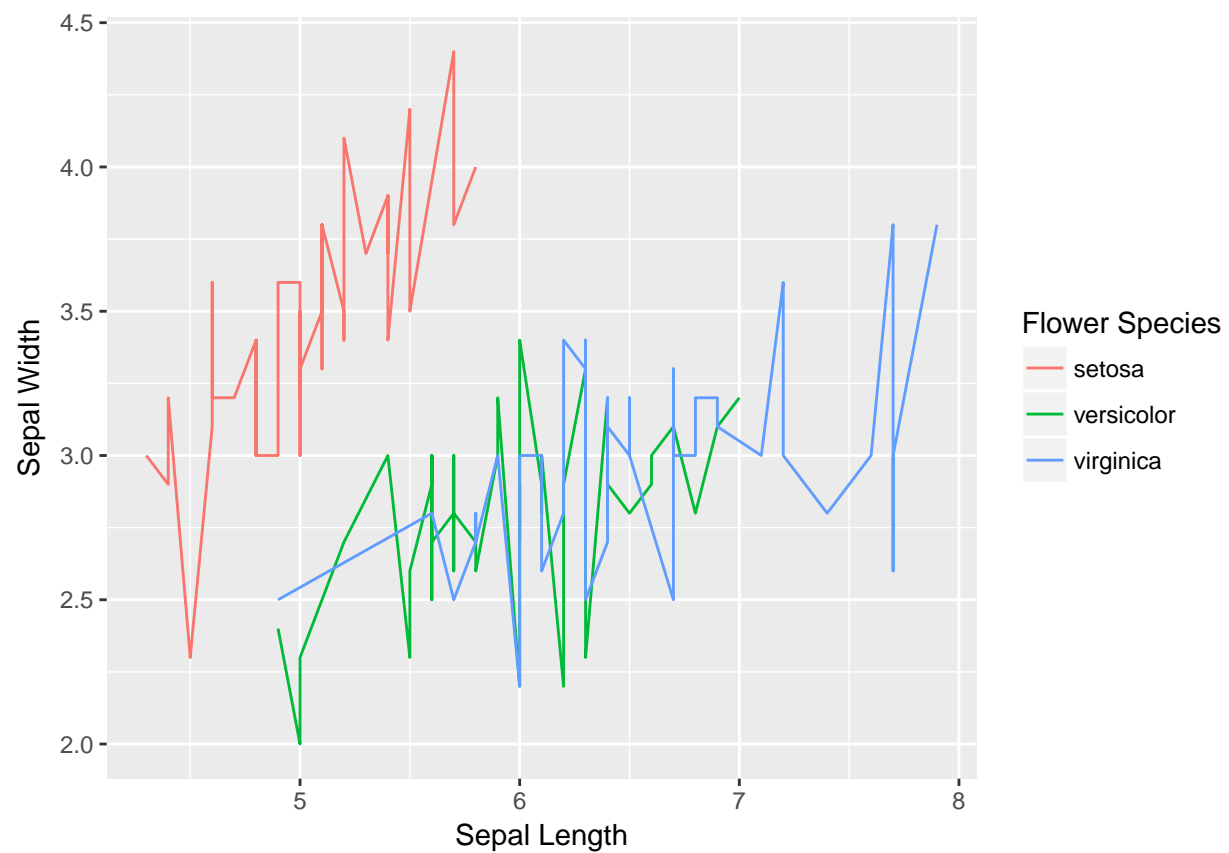
}
```

```
iris1 <- iris%>%
  label(vars=names(iris),labels = c('Sepal Length','Sepal Width','Petal Length','Petal Width','Flower S
```

```
iris1%>%
  ggplot(aes(x=Sepal.Length,y=Sepal.Width))+
  geom_line(aes(colour=Species))
```



```
iris1%>%
  ggplot(aes(x=Sepal.Length,y=Sepal.Width))+
  geom_line(aes(colour=Species)) +
  easy_labs()
```



```
iris1%>%
  ggplot(aes(x=Sepal.Length,y=Sepal.Width))+
  geom_line(aes(colour=Species)) +
  easy_labs(title='my title',subtitle='mysubtitle',x='aaa')
```

