



Learn, Share, Build

Each month, over 50 million developers come to Stack Overflow to learn, share their knowledge, and build their careers.



Facebook

OR

Join the world's largest developer community.

Add legend to ggplot2 line plot

I have a question about legends in ggplot2. I managed to plot three lines in the same graph and want to add a legend with the three colors used. This is the code used

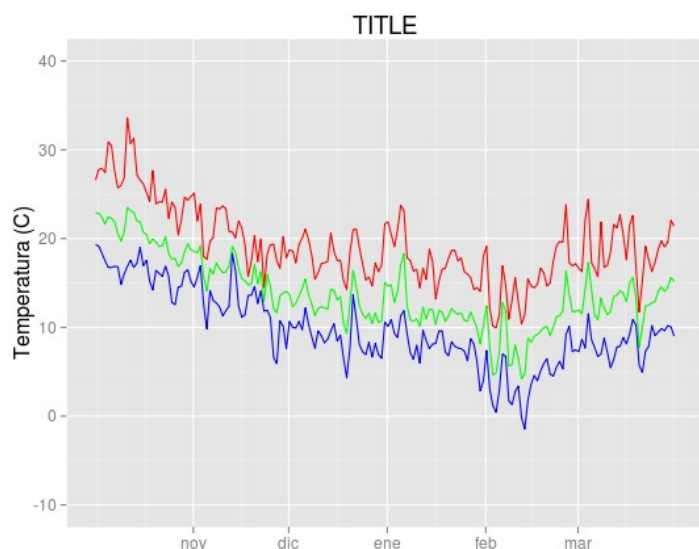
```
library(ggplot2)
require(RCurl)

link<-getURL("https://dl.dropbox.com/s/ds5zp9jonznpuwb/dat.txt")
datos<- read.csv(textConnection(link),header=TRUE,sep=";")
datos$fecha <- as.POSIXct(datos[,1], format="%d/%m/%Y")

temp = ggplot(data=datos,aes(x=fecha, y=TempMax,colour="1")) +
  geom_line(colour="red") + opts(title="TITULO") +
  ylab("Temperatura (C)") + xlab(" ") +
  scale_y_continuous(limits = c(-10,40)) +
  geom_line(aes(x=fecha, y=TempMedia,colour="2"),colour="green") +
  geom_line(aes(x=fecha, y=TempMin,colour="2"),colour="blue") +
  scale_colour_manual(values=c("red","green","blue"))

temp
```

and the output



I'd like to add a legend with the three colours used and the name of the variable (TempMax,TempMedia and TempMin). I have tried

```
scale_colour_manual
```

but can't find the exact way.

Unfortunately original data were deleted from linked site and could not be recovered. But they came from meteo data files with this format