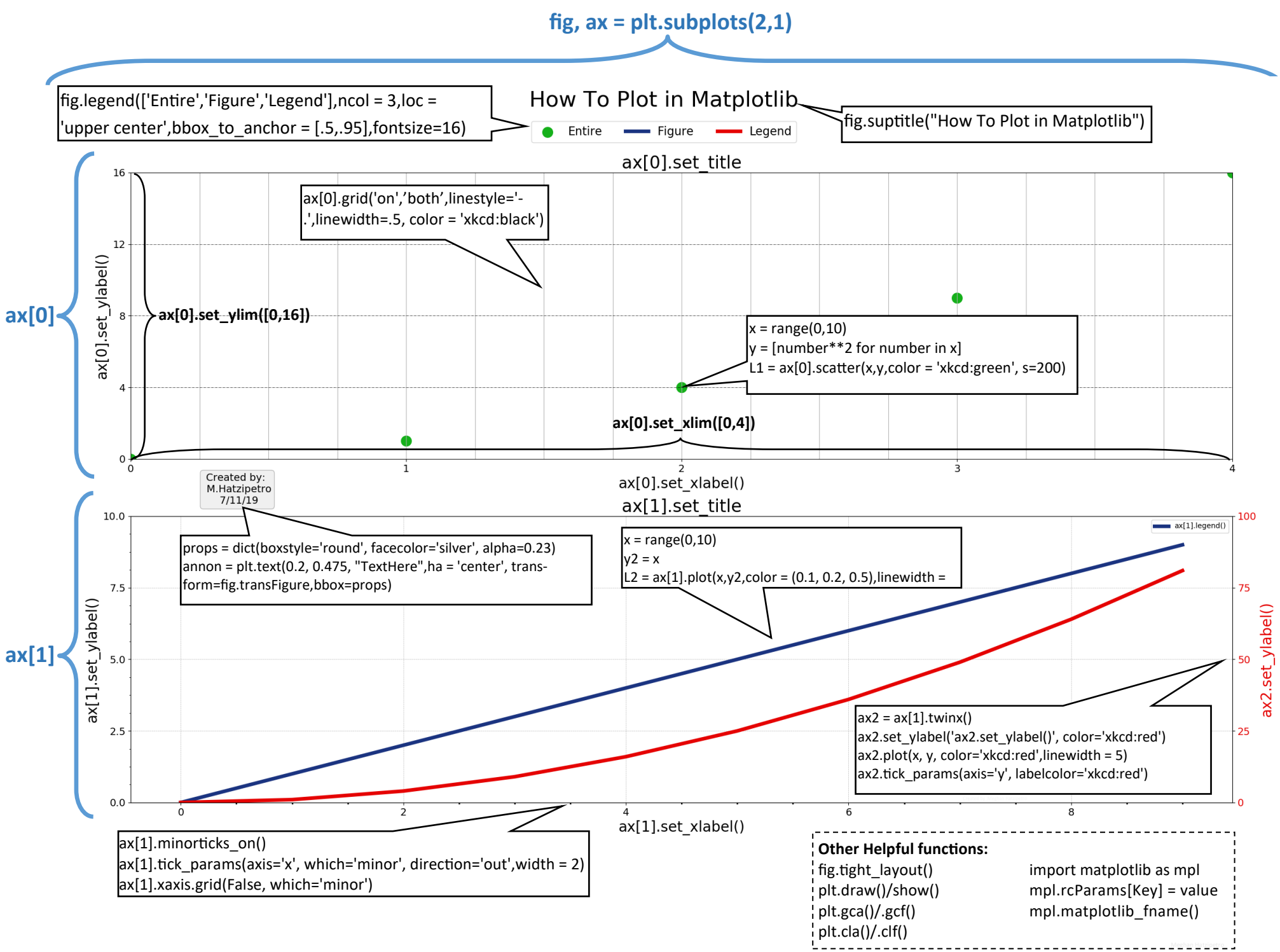
fig, ax = plt.subplots(2,1)
fig.legend(['Entire','Figure','Legend'],ncol = 3,loc = 'upper center',bbox_to_anchor = [.5,.95],fontsize=16)
How To Plot in Matplotlib
Entire
Figure
Legend
fig.suptitle("How To Plot in Matplotlib")
ax[0]
ax[0].set_title
ax[0].grid('on','both',linestyle='-.',linewidth=.5, color = 'xkcd:black')
ax[0].set_ylim([0,16])
ax[0].set_ylabel()
x = range(0,10)
y = [number**2 for number in x]
L1 = ax[0].scatter(x,y,color = 'xkcd:green', s=200)
ax[0].set_xlim([0,4])
ax[0].set_xlabel()
Created by: M.Hatzipetro 7/11/19
ax[1]
ax[1].set_title
ax[1].legend()
props = dict(boxstyle='round', facecolor='silver', alpha=0.23)
annon = plt.text(0.2, 0.475, "TextHere",ha = 'center', transform=fig.transFigure,bbox=props)
x = range(0,10)
y2 = x
L2 = ax[1].plot(x,y2,color = (0.1, 0.2, 0.5),linewidth =
ax[1].set_ylabel()
ax2.set_ylabel()
ax2 = ax[1].twinx()
ax2.set_ylabel('ax2.set_ylabel()', color='xkcd:red')
ax2.plot(x, y, color='xkcd:red',linewidth = 5)
ax2.tick_params(axis='y', labelcolor='xkcd:red')
ax[1].set_xlabel()
ax[1].minorticks_on()
ax[1].tick_params(axis='x', which='minor', direction='out',width = 2)
ax[1].xaxis.grid(False, which='minor')
Other Helpful functions:
fig.tight_layout()
plt.draw()/show()
plt.gca()/.gcf()
plt.cla()/.clf()
import matplotlib as mpl
mpl.rcParams[Key] = value
mpl.matplotlib_fname()