

MATLAB Graphics: Fonts

Notes:

You can control the appearance of displayed text by using `FontName`, `FontSize`, `Fontweight`, and `FontAngle`.

Example Script:

```
% Script File: ShowFonts
% How choose a font, a size, a weight, and an angle.

close all
HA = 'HorizontalAlign';

fonts = {'Times-Roman' 'Helvetica' 'AvantGarde' 'Comic Sans MS' 'Palatino'...
        'ZapfChancery' 'Courier' 'NewCenturySchlbk' 'Helvetica-Narrow'};
for k=1:length(fonts)
    figure
    axis([-20 100 -5 60])
    axis off
    hold on
    fill([-20 100 100 -20 -20],[-5 -5 60 60 -5],'w')
    plot([-20 100 100 -20 -20],[-5 -5 60 60 -5],'k','Linewidth',3)

    v=38;
    F = fonts{k};
    text(45,55,F,'color','r','FontName',F,'FontSize',24,HA,'center')
    text(10,47,'Plain','color','b','FontName',F,'FontSize',22,HA,'center')
    text(45,47,'Bold','color','b','FontName',F,'FontWeight','bold','FontSize',22,HA,'center')
    text(82,47,'Oblique','color','b','FontName',F,'FontAngle','oblique','FontSize',22,HA,'center')
    for size=[22 18 14 12 11 10 9]
        text(-12,v,int2str(size),'FontName',F,'FontSize',size,HA,'center')
        text(10,v,'Matlab','FontName',F,'FontSize',size,HA,'center')
        text(45,v,'Matlab','FontName',F,'FontSize',size,HA,'center','FontWeight','bold')
        text(82,v,'Matlab','FontName',F,'FontSize',size,HA,'center','FontAngle','oblique')
        v = v-6;
    end
    hold off
    pause(1)
end
```

Output:

	Helvetica–Narrow		
	Plain	Bold	Oblique
22	Matlab	Matlab	<i>Matlab</i>
18	Matlab	Matlab	<i>Matlab</i>
14	Matlab	Matlab	<i>Matlab</i>
12	Matlab	Matlab	<i>Matlab</i>
11	Matlab	Matlab	<i>Matlab</i>
10	Matlab	Matlab	<i>Matlab</i>
9	Matlab	Matlab	<i>Matlab</i>