$xB = xC - v\_edge\_offset * \sin(phi)$

$yB = yC + v\_edge\_offset * \cos(phi)$

$xD = xB - font\_dist * \cos(phi)$

$yD = yB - font\_dist * \sin(phi)$

<-- correct w signs

Delta

Pvt pt / C

x

D

A

phi

B

C (if sign_y = -1)

font_dist

phi

phi

C

E

C (if sign_x = -1)

F

2*v_edge_offset

bl

br

y

$xE = xF + sign\_y * font\_dist * \sin(phi)$

$yE = yF - sign\_y * font\_dist * \cos(phi)$

$xF = xC + sign\_x * h\_edge\_offset * \cos(phi)$

$yF = yC + sign\_x * h\_edge\_offset * \sin(phi)$

2*x_font_offset

curr_label_pos

A

D