





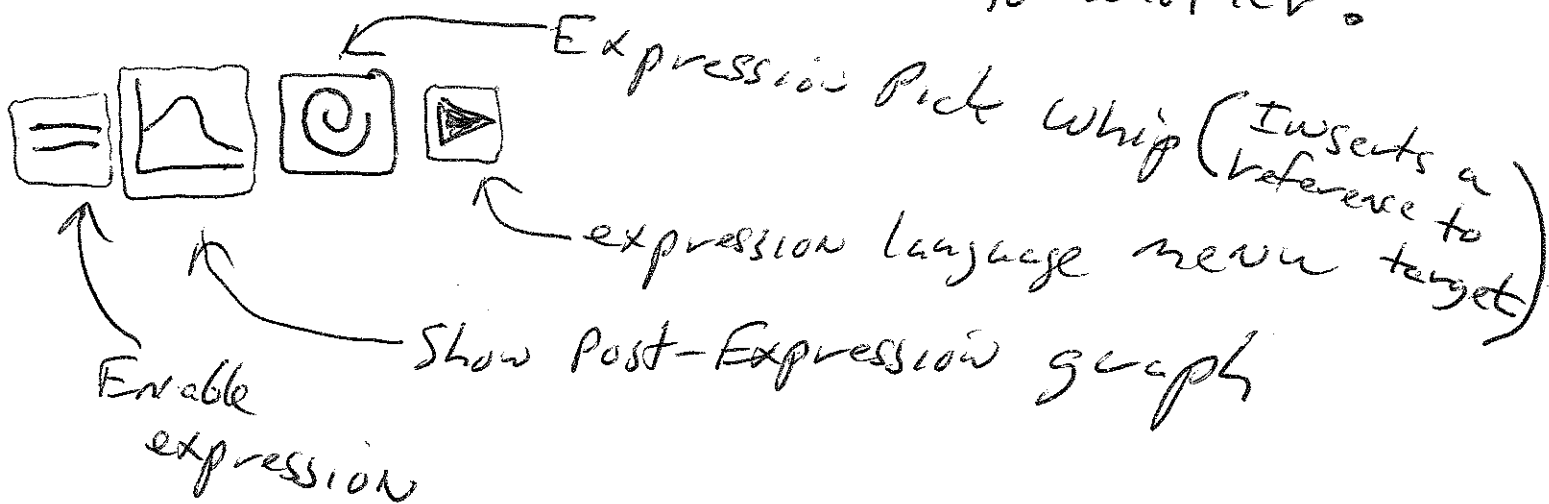
Lesson 7 Expressions and Time Games

"twirly arrow"  to  AE twirly arrow

 hidden (twirl up)  revealed (twirl down)

What does the Pick Whip do?

makes it easy to link one parameter to another.



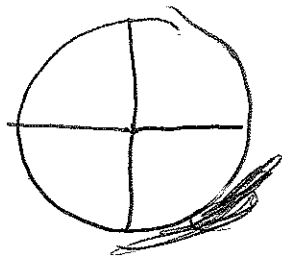
Simple math - Drop shadow effect problem if applied to a rotating layer -

page 172

$$(\text{transform.rotation} * -1) + 135$$

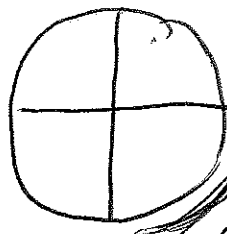
Why is it necessary to multiply by -1?

Drop shadow angle must be less as the rotation of layer is clockwise -
 $(+35 * -1) + 135 = (-35) + 135 = 100$



page 172

0° = Rotation



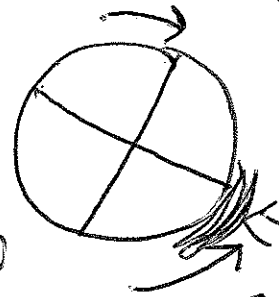
135°

Shadow

$$(rotation * -1) + 135$$

0 + 135

45° = Rotation



90°

$$(45 * -1) + 135 = 90$$

Link the

Drop Shadow Direction to the Rotation
using Pick Whip —

customize expression to

$$(transform.rotation * -1) + 135$$

would be useful to
mark the wheel
using Photoshop —
mark it at 0° and 135°



default
drop shadow
angle for AE
and Adobe
products.

(Shadow)

Direction is controlled by the Rotation

P174 Effect > Transition > Radial Wipe

When minute hand Rotation reaches 100°
the Radial Wipe Transition completion

So divide by 3.6

is 100%

