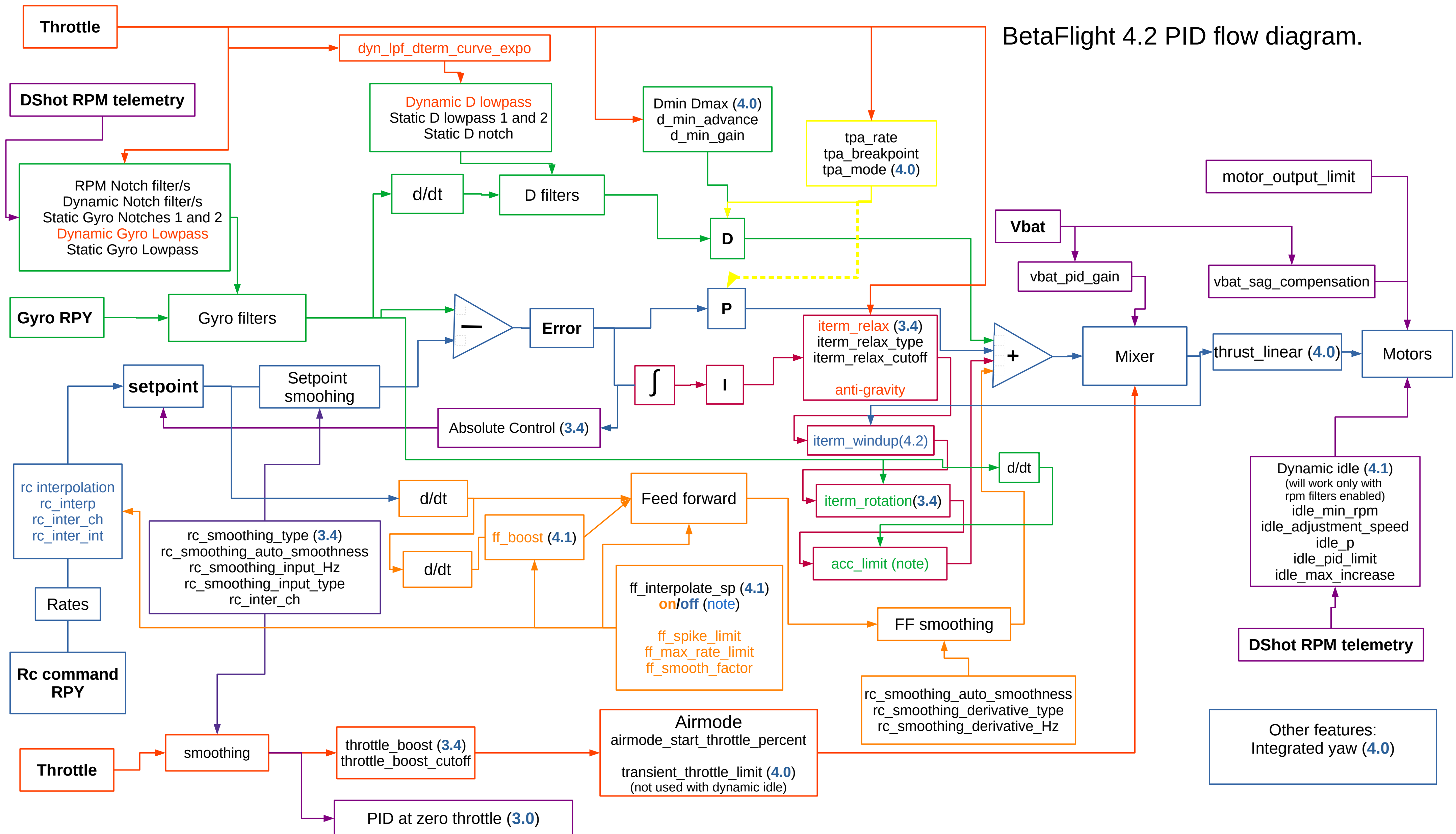


BetaFlight 4.2 PID flow diagram.



Gyro filters parameters:

RPM Notch filter/s (gyro_rpm_notch_harmonics, gyro_rpm_notch_q, gyro_rpm_notch_min)
 Dynamic Notch filter/s (dyn_notch_min_hz, dyn_notch_max_hz, dyn_notch_width_percent, dyn_notch_q)
 Static Gyro Notches 1 and 2 (gyro_notch1_hz, gyro_notch1_cutoff; gyro_notch2_hz, gyro_notch2_cutoff)
 Dynamic Gyro Lowpass (gyro_lowpass_type, gyro_lowpass_hz, dyn_lpf_gyro_min_hz, dyn_lpf_gyro_max_hz)
 Static Gyro Lowpass (gyro_lowpass2_type, gyro_lowpass2_hz)

D term filters parameters:

Dynamic D lowpass (dterm_lowpass_type, dyn_lpf_dterm_min_hz, dyn_lpf_dterm_max_hz, dyn_lpf_dterm_curve_expo)
 Static D lowpass (dterm_lowpass2_type, dterm_lowpass2_hz)
 Static D notch (dterm_notch_hz, dterm_notch_cutoff)