

fow-sequence routine dependence

1 Code structure

1.1 fp_menu

- fp_prep
- fow_prep
- fow_loop
- fp_fout_tot

1.2 fp_prep

- fp_allocate
- fp_allocate_ntg1
- fp_allocate_ntg2
- fp_set_nsa_nsb
- fp_mesh
 - eq_load
 - fp_eq_broadcast
 - eqcalq
 - eqgetb
 - fp_wr_read
 - fp_wm_read
 - pl_qprf
 - set_rfsad
 - set_bounce_param
- fp_set_normalize_parm
 - pl_prof
 - read_exp_data
 - make_exp_prof
 - set_initial_disrupt_parm
 - set_post_disrupt_Clog_f
 - set_post_disrupt_Clog
- fnsp_init
 - update_fnsb_maxwell
- fnsp_init_edge

- fpmxwl_edge
- update_fnsb
- read_fit3d_h
- read_fit3d_d
- sv_weight_r
- spitzer_sigma
- nf_lg_function
- nf_reaction_coef
- fp_continue
 - fusion_source_init
 - define_bulk_np
 - fp_coef
 - fpweight
 - source_allreduce
- allreduce_nf_rate
- prof_of_nf_reaction_rate
- fp_set_initial_value_from_f
 - display_disrupt_initials
 - fpssub
 - fpsglb
 - fpsprf
 - fpwrtglb
 - fpwrtp rf

1.3 fow_prep

- fow_allocate
- fow_eqload
 - eqload
 - eqparm
 - eqfetp
 - eqgeqn
 - eqgetbb
 - eqgeta
 - first_order_derivative
- bisection_method

- fow_orbit
 - load_orbit
 - fow_set_obparm
 - construct_orbit_zero
 - construct_orbit
 - * ob_calc
 - save_orbit
- search_pinch_orbit
 - first_order_derivative
 - fow_cal_spl
 - solve_quadratic_equation
 - get_pinch_point
- calculate_jacobian
 - mean_ra_quantities
- load_local_com
- fow_cal_local_coms
 - construct_orbit
 - * ob_calc
- save_local_com

1.4 fow_loop

- fl_Maxwellian
 - mean_ra_quantities
- fow_coef
 - convert_fl_to_fu
 - fpcalc
 - fpcalcw
 - fp_calc
 - bounce_average
 - * make_U_Dxy
 - * transformation_matrix
 - * interpolate_D_unlessZero
- fow_calculate_source
 - fow_set_obparm
 - beam_source
 - fow_cal_local_coms

- fow_exec
 - fowweight
 - set_fm_imxta
 - fowsetm
 - IBC_pinch
 - IBC_X_stagnation
 - IBC_O_stagnation
- update_bulk_temperature
- coulomb_log
- fow_coef
- fow_calculate_source
- moment_0th_order_COM
- moment_2nd_order_COM
- fp_fout_tot

1.5 fp_fout_tot

- mean_ra_quantities
- fptxt1D/2D/4D
- output_neoclass
- output_orbit_classify
 - prep_orbit_classify
 - pinch_orbit
 - * get_pinch_orbit
 - D_orbit
 - stagnation_orbit
 - stagnation_type
 - fptxt1D/2D/3D
- moment_0th_order_COM
- moment_2nd_order_COM
- fptxt1D/3D/5D