set_database   ['relation	onal_database']   ['db_handle']		
check for valid plasma   ['shot', 'minimum ir	', 'minimum_duration']   ['validity', 'ipmax', 'duration']	end_of_current   ['Ip', 'Ip_time', 'threshold']   ['duration', 'Ip_max']	
eneck_Tor_vana_prasma*{ snot, minimum_rp	, minimum_duration; if variety, ipmax, duration;	end_or_eurrene+[1p, 1p_mme, unconord]+[duration, 1p_max]	
get_columns   ['db', 't	able_name']   ['field_names']		
get_Ip_parameters   ['shot', 'timebase']   ['ip', 'ip_pr	og', 'ip_error', 'dip_dt', 'dipprog_dt', 'power_supply_railed']		
$\underbrace{\text{get}_{Z_{error}_{d3d} + [\text{snot}, \text{timebase}] + [\text{z}_{e}]}_{\text{get}_{Z_{error}_{d3d}}} = \underbrace{\text{snot}_{Z_{error}_{d3d} + [\text{snot}, \text{timebase}] + [\text{z}_{e}]}_{\text{get}_{Z_{error}_{d3d}}}$	error', 'z_error_norm', 'z_prog', 'zcur', 'zcur_norm']	select_efit_trees   ['shot', 'run_by', 'runtag']   ['efit_tree_list']	
get_Z_parameters   ['shot', 'timebase']   ['Z_error', '	Z_error_normalized Z_prog', 'Z_cur', 'Z_cur_normalized']		
get n1rms d3d   ['shot' 'time	base']   ['n1rms', 'n1rms_normalized']		
get_nmis_dod+[shot, time	base [ [ IIIIIIIs , IIIIIIIs_normanzed ]		
get_n1_bradial_d3d   ['shot', 'timebase']	['n_equal_1_mode', 'n_equal_1_normalized']		
		get_P_ohm_d3d   ['shot', 'timebase']   ['P_ohm', 'V_loop']	GSASTD   ['x', 'y', 'DerivativeMode', 'width', 'type', 'ends', 'SlewRate']   ['Processed']
get power d3d   ['shot', 'timebase']   ['p RAD', 'p ]	NBI', 'p_OHM', 'p_ECH', 'rad_fraction', 'p_input', 'v_loop']		
8	, F, F,, F, F, F	noward FloT   FlbT	
		powers   ['a']   ['b']	
get_EFIT_parameters   ['shot', 'timebase']   ['beta_N', 'beta_p', 'dbeta_p_dt', 'kappa', '	upper_gap', 'lower_gap', 'li', 'dli_dt', 'q0', 'qstar', 'q95', 'V_loop_efit', 'Wdiam', 'dWdiam_dt']		
get_kappa_area   ['sho	ot', 'timebase']   ['kappa_area']		
get_density_parameters   snot, time	ebase']   ['ne', 'Greenwald_fraction', 'dne_dt']		
get_TS_data   ['shot', 'timebase']	['Te_HWHM', 'Te_width_normalized']		
get Ip parameters RT   ['shot', 'timebase']   ['ip RT', 'ip prog F	RT', 'ip_error_RT', 'dip_dt_RT', 'dipprog_dt_RT', 'power_supply_railed']		
8-1-F-manaratas			
get_density_parameters_RT   ['shot', 'timebas	e']   ['ne_RT', 'Greenwald_fraction_RT', 'dne_dt_RT']		
get_TS_data_RT   ['shot', 'timebase']   [	Te_HWHM_RT', 'Te_width_normalized_RT']		
get_EFI1_parameters_R1+[snot, timebase]+[beta_N_R1, beta_p_R1, dbeta_p_dt_R1, kappa_R1, upper_gap	_RT', 'lower_gap_RT', 'li_RT', 'dli_dt_RT', 'q0_RT', 'qstar_RT', 'q95_RT', 'V_loop_efit_RT', 'Wmhd_RT', 'dWmhd_dt_RT']		
		efitmap_Rz_to_rho   ['diag_time', 'diag_r', 'diag_z', 'pulse', 'varargin']   ['rho_diag', 'varargout']	load_efit   ['pulse', 'varargin']   ['EFIT']
get_Thomson_peaking_factors   ['shot', 'timebase', 'I	oftype']   ['Te_peaking_factor', 'ne_peaking_factor', 'profile']		
		load_ne_Te   ['pulse', 'data_source', 'varargin']   ['TS_out']	
get neaking factors d3d   ['shot' 'timeba	se']   ['Te_PF', 'ne_PF', 'Rad_CVA', 'Rad_XDIV']		
get_peaking_tactors_user [ shot; timeout	3c]   [1c_11 , 1c_11 , Rad_C   71 , Rad_AD1   ]		
		efit_Rz_interp   ['data', 'EFIT', 'varargin']   ['data', 'varargout']	
get_shape_parameters   ['shot', 'ti	mebase']   ['delta', 'squareness', 'aminor']		getbolo_new   ['ishot', 'drtau']   ['a']
		load_Prad   ['pulse', 'fan', 'smoothing_window', 'EFIT']   ['data']	
get H98 d3d   ['sh	ot', 'timebase']   ['H98_y2']		powers_new   ['a']   ['b']
get_H_alpha_d3d   ['s	shot', 'timebase']   ['H_alpha']		