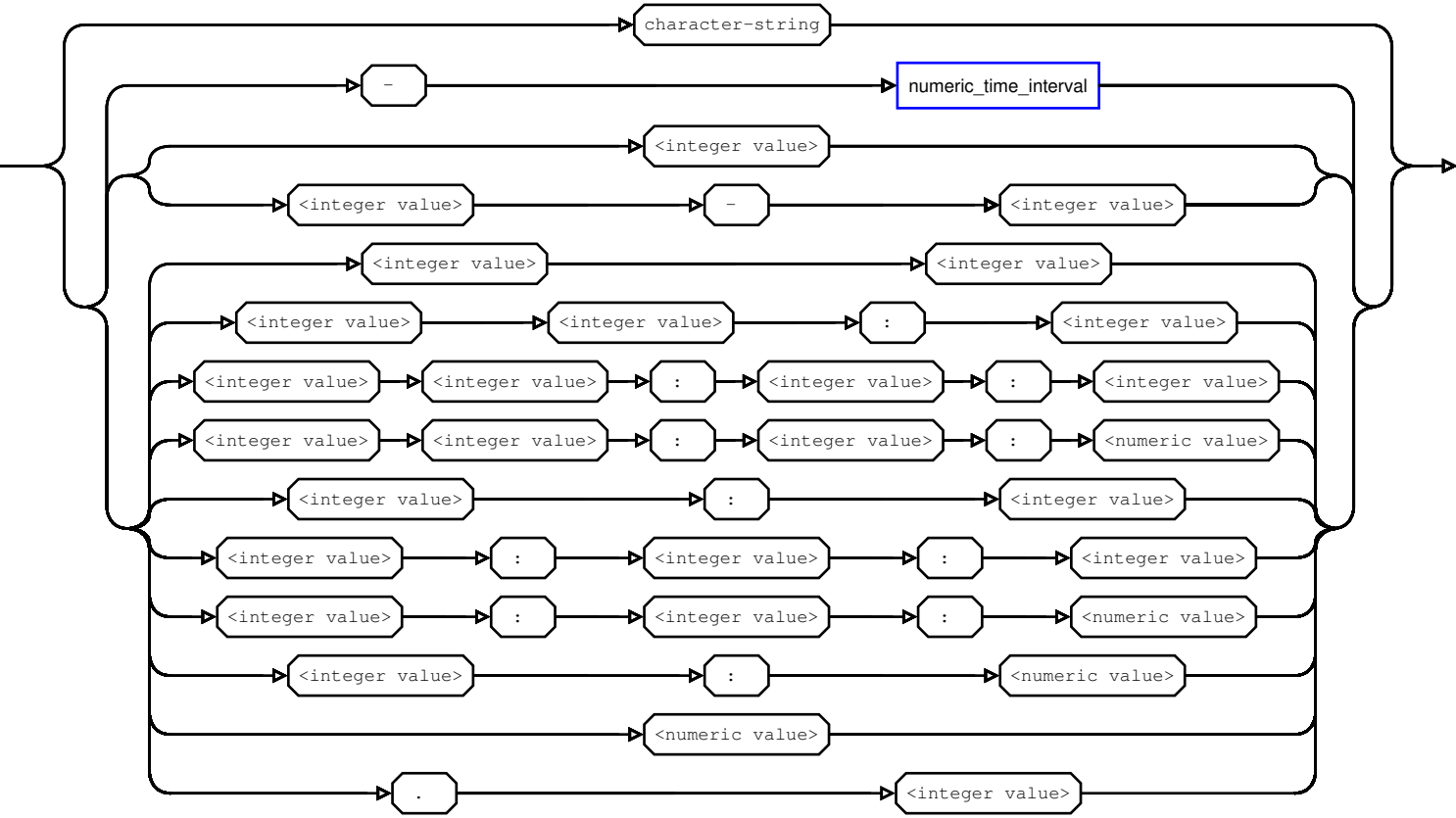interval_func_params :