Instruction form:

<instr_type> - Instruction
<elem_t> - Element dest.
<elem_t> - Element 1
<elem_t> - Element 2

type instruction_t	
instr_type	type
const char	*elem_dest_key
const char*	*elem_1_key
const char*	*elem_2_key

enum instr_type
IC_DECL_VAR
IC_DEF_VAR
IC_DEF_FUN
IC_CALL_FUN
...

type symtable_t	
char (key)	**key
elem_t (data)	data

type elem_t	
char	*key
sym_type	sym_type
union symbol	symbol

enum sym_type
SYM_FUNC
SYM_VAR_ITEM
SYM_VAR_LIST

enum var_type
VAR_INT
VAR_FLOAT64
VAR_STRING
VAR_BOOL
VAR_NIL
VAR_UNDEFINED

union symbol	
sym_func_t	*sym_func
sym_var_item_t	*sym_var_item
sym_var_list_t	*sym_var_list

type sym_var_list_t	
list_item_t	*first
list_item_t	*actvie

type sym_func_t	
char	*name
sym_var_list_t	*params
sym_var_list_t	*returns

union variable	
int	int_t
double	float64_t
char	*string_t
bool	bool_t
void	*nil

type list_item_t	
sym_var_item_t	*first
list_item_t	*next
list_item_t	*prev

type sym_var_item_t	
char	*name
var_type	type
union variable	data
union variable	default_data
bool	is_const
bool	is_global
bool	is_defined