1 External Definitions

function-identifier: translation-unit: identifier external-declaration (identifier-list) translation-unit external-declaration def-or-decl: external-declaration: def declaration decl init-declarator-list: init-declarator **Declarations** init-declarator-list init-declarator declaration-list: init-declarator: declaration identifier declaration-list declaration (identifier initializer) declaration: storage-class-specifier: one of inlined-declaration def decl extern extern-def (identifier type-expression initializer $_{opt}$) extern-decl static static-def (function-identifier (fn function-type-list) auto auto-def register register-def $\verb|[:attr| function-attribute]|_{opt} register-declarator_{opt}$ block-item-list $_{opt}$) compound-storage-class-specifier: one of $(struct-or-union-specifier\ struct-declaration-list_{opt})$ defs extern-defs static-defs (enum-specifier enumerator-list) auto-defs register-defs inlined-declaration-list: function-attribute: inlined-declaration inline inlined-declaration-list declaration register-declarator: inlined-declaration: (register identifier-list) (storage-class-specifier identifier type-expression $initializer_{opt}$) struct-declaration-list: (storage-class-specifier function-identifier struct-declaration (fn function-type-list) struct-declaration-list struct-declaration [:attr function-attribute] $_{opt}$ register-declarator $_{opt}$ block-item-list $_{opt}$) *struct-declaration:* (def-or-decl struct-or-union-specifier declaration [:bit expression]_{opt} *struct-declaration-list*_{ont}) (def enum-specifier enumerator-list) (compound-storage-class-specifier type-expression enumerator-list: init-declarator-list) enumerator enumerator-list enumerator (deftype identifier type-expression) (deftype identifier struct-or-union struct-declaration- $list_{opt}$) enumerator:

enumeration-constant

(deftype identifier enum enumerator-list)

(enumeration-constant expression)	type-expression-list type-expression
enmuration-constant:	type-expression-list type-expression
identifier	
	type-specifier: one of
identifier-list:	void
identifier	char signed-char unsigned-char
identifier-list identifier	short signed-short unsigned-short int signed-int unsigned-int
designator:	long signed-long unsigned-long
(aref-this expression-list)	long-long signed-long-long
(fref-this identifier-list)	unsigned-long-long
(aref designator expression-list)	float double long-double
(fref designator identifier-list)	struct-or-union-specifier
	enum-specifier
designated-initializer:	typedef-name
initializer	J _F · · · · J _F · · · · · · ·
(designator initializer)	
	array-subscription-list:
initializer-list:	expression-list
designated-initializer	
initializer-list designated-initializer	struct-or-union-specifier:
	(struct-or-union identifier)
compound-initializer:	,
(array <i>initializer-list</i>)	
(struct initializer-list)	struct-or-union:
,	struct
initializer:	union
expression	
compound-initializer	enum-specifier:
compound intitutives	(enum <i>identifier</i>)
	•
	type-qualifier-list:
3 Type-expressions	type-qualifier
- 1 Po oubions	type-qualifier-list type-qualifier
type-expression:	type-qualifier-tist type-qualifier
type-specifier	
(type-qualifier-list type-expression)	type-qualifier:
(array type-expression array-subscription-list _{opt})	const
(ptr type-expression)	restrict
(fn function-type-list)	volatile
(11) function type usi f	
function-type-list:	typedef-name:
type-expression-list va-arg _{opt}	identifier
·	*

4 Statements	(goto <i>identifier</i>) (continue)
statement:	(break)
compound-statement	$(\texttt{return}\ expression_{opt})$
expression-statement	, opti
selection-statement	
iteration-statement	5 Expressions
jump-statement	•
labeled-statement	expression:
()	identifier
	constant
compound-statement:	string-literal
(begin $\mathit{block} ext{-}\mathit{item} ext{-}\mathit{list}_{opt}$)	compound-literal
(let ($declaration$ - $list_{opt}$) $block$ - $item$ - $list_{opt}$)	(expression-list)
	(aref expression-list)
block-item-list:	(fref expression field-identifier-list)
block-item	(inc expression)
block-item-list block-item	(dec expression)
	(++ experssion)
block-item:	(expression)
inlined-declaration	(unary-operator expression)
statement	(size of expression)
	(sizeof type-expression)
labeled-statement:	(cast type-expression expression)
(label identifier statement)	(operator expression-list)
(case expression)	(comparator expression expression)
(default)	(if-exp expression expression expression)
	(assignment-operator expression expression)
expression-statement:	(exps expression-list)
expression	compound-literal:
salaction statement	(init type-expression compound-initializer)
selection-statement:	(IIII type-expression compound-initializer)
<pre>(if expression statement statement_{opt}) (switch expression block-item-list_{opt})</pre>	expression-list:
(SWICCH expression block-tiem-tistopt)	expression
iteration-statement:	expression-list expression
(while expression block-item-list _{opt})	expression usi expression
(do-while expression block-item-list _{opt})	field-identifier-list:
(for (expression-list _{opt} expression expression)	field-identifier
block-item-list $_{opt}$)	field-identifier-list field-identifier
(for (inlined-declaration-list $_{opt}$	greeta vaerityrer vasi greeta vaerityrer
expression expression)	field-identifier:
block-item-list _{opt})	identifier
(loop $block$ -item-list $_{opt}$)	-> identifier
jump-statement:	operator: one of

* / % + - << >> bit-xor bit-and bit-or and or

comparator: one of < > <= >= !=

assignment-operator: one of

= *= /= %= += -= <<= >>= bit-and= bit-xor= bit-or=

unary-operator: one of

ptr mref bit-not not