







Language Elements					
When learning a foreig elements are hardest t • Primitives: lots of them, and • Means of Combination	n language, which to learn? hard to learn real <i>meanir</i>	ng			
<ul> <li>Complex, but, all natural lar SOV (45% of all languages) SVO (42%) VSO (9%)</li> </ul>	nguages have similar ones [C Sentence ::= Subject Object V Sentence ::= Subject Verb Obj Sentence ::= Verb Subject Obj "Lladdodd y ddraig y dyn." (Killed t	Chomsky] <i>Yerb</i> (Korean) <i>ject</i> (Welsh) the dragon the man.)			
Schemish:     Means of Abstraction: few of	<i>Expression</i> ::= ( <i>Verb Object</i> ) f these, but tricky to learn	differences			
across languages English: T, we Tok Pisin (Papua New Guine (both of them and I), mipel yumitripela (both of you an	ea): mi (I), mitupela (he/she a (all of them and I), yumitu d I), yumipela (all of you and	and I), mitripela pela (you and I), I I)			
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	C++ Core	lang	uage issues list has 529	item
	<b>48</b> pages total (includes formal specification and examples)		<b>776</b> pages total (includes no formal specification or examples)	
Means of Abstraction	Definitions	1⁄2	Declarations, Classes	173
Means of Combination	Expressions Program structure	2 2	Expressions, Statements Program Structure	197 35
Primitives	Standard Procedures Primitive expressions Identifiers, numerals	18 2 1	Standard Procedures Primitive expressions Identifiers, numerals	350 30 10
	Pages in <i>Revised<sup>5</sup> Rep on the Algorithmic Language Scheme</i>	port	Pages in C++ Language Specification (1998)	

	Pages in <i>Revised<sup>5</sup> Re</i> on the Algorithmic Language Scheme	eport	English			
Primitives	Standard Procedures Primitive expressions Identifiers, numerals	18 2 1	Morphemes Words in Oxford English Dictionary	? 500,000		
Means of Combination	Expressions Program structure	2 2	Grammar Rules English Grammar for Dummies Book	100s (?) 384 pages		
Means of Abstraction	Definitions	1⁄2	Pronouns	~20		
	<b>48</b> pages total (includes formal specification and examples)		English Grammar DUMMIES			
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