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First Example Again

- In any above language, 3 + 4 * 5 + 6
 = 29
- In APL, all infix operators have same precedence
 - Thus we still don't know what the value is (handled by associativity)
- How do we handle precedence in grammar?

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Predence in Grammar

- Higher precedence translates to longer derivation chain
- Example:

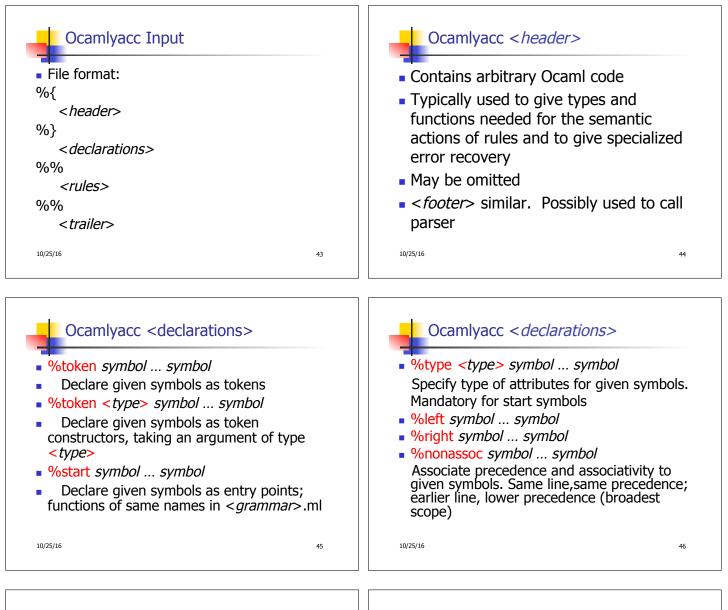
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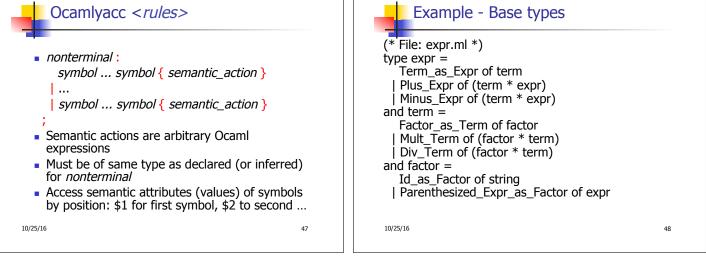
- <exp> ::= 0 | 1 | <exp> + <exp>
- | <exp> * <exp>
 Becomes
 <exp> ::= <mult_exp>

```
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Example - Using Parser	
# test "a + b";;	
- : expr =	
Plus_Expr	
(Factor_as_Term (Id_as_Factor "a"),	
Term_as_Expr (Factor_as_Term	
(Id_as_Factor "b")))	
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