

parseOperation

lokale/globale Variablen und Attribute:  
name,type: Text  
arguments: vector<Argument>  
begin,end,retBegin,argBegin: char\*  
skip: Boolean&  
abstract: Boolean  
visibility: GZ  
argName,argType: Text

wahr	match(begin, end, "virtual")	falsch	
skipWhitespaces(begin, end)	∅		
wahr	match(begin, end, "explicit")	falsch	
skipWhitespaces(begin, end)	∅		
retBegin ← begin			
begin ≠ end and *begin ≠ '('			
begin ← begin + 1			
wahr	*begin ≠ '('	falsch	
throw std::runtime_error("Invalid operation")	∅		
parseTypeAndName(retBegin, begin, name, type)			
begin ← begin + 1			
wahr	begin = end	falsch	
throw std::runtime_error("Invalid operation")	∅		
skipWhitespaces(begin, end)			
*begin ≠ ')'			
argBegin ← begin			
begin ≠ end and *begin ≠ ',' and *begin ≠ ')' and *begin ≠ '='			
begin ← begin + 1			
wahr	begin = end	falsch	
throw std::runtime_error("Invalid operation")	∅		
parseTypeAndName(argBegin, begin, argName, argType, true)			
arguments.emplace_back(argName, Type::createFromCppName(argType))			
wahr	*begin = '='	falsch	
begin ≠ end and *begin ≠ ',' and *begin ≠ ')'	∅		
begin ← begin + 1			
wahr	*begin = ','	falsch	
begin ← begin + 1	∅		
skipWhitespaces(begin, end)			
begin ← begin + 1			
abstract ← false			
begin ≠ end			
skipWhitespaces(begin, end)			
match(begin, end, "override")			
wahr		falsch	
continue	∅		
match(begin, end, "const")			
wahr		falsch	
continue	∅		
match(begin, end, "=")			
wahr		falsch	
skipWhitespaces(begin, end)			
match(begin, end, "0")			
wahr		falsch	
abstract ← true	∅		
continue			
match(begin, end, "default")			
wahr			falsch
continue		∅	
match(begin, end, "delete")			
wahr			falsch
skip ← true		∅	
continue			
throw runtime_error("Invalid operation")			
return Operation(name, Type::createFromCppName(type), arguments, visibility, abstract)			