

Parse Tree, AST, and Type Tree

Prof. James L. Frankel
Harvard University

Copyright © 2015 James L. Frankel. All rights reserved.

Declaration

- `int (*array[5])(void);`

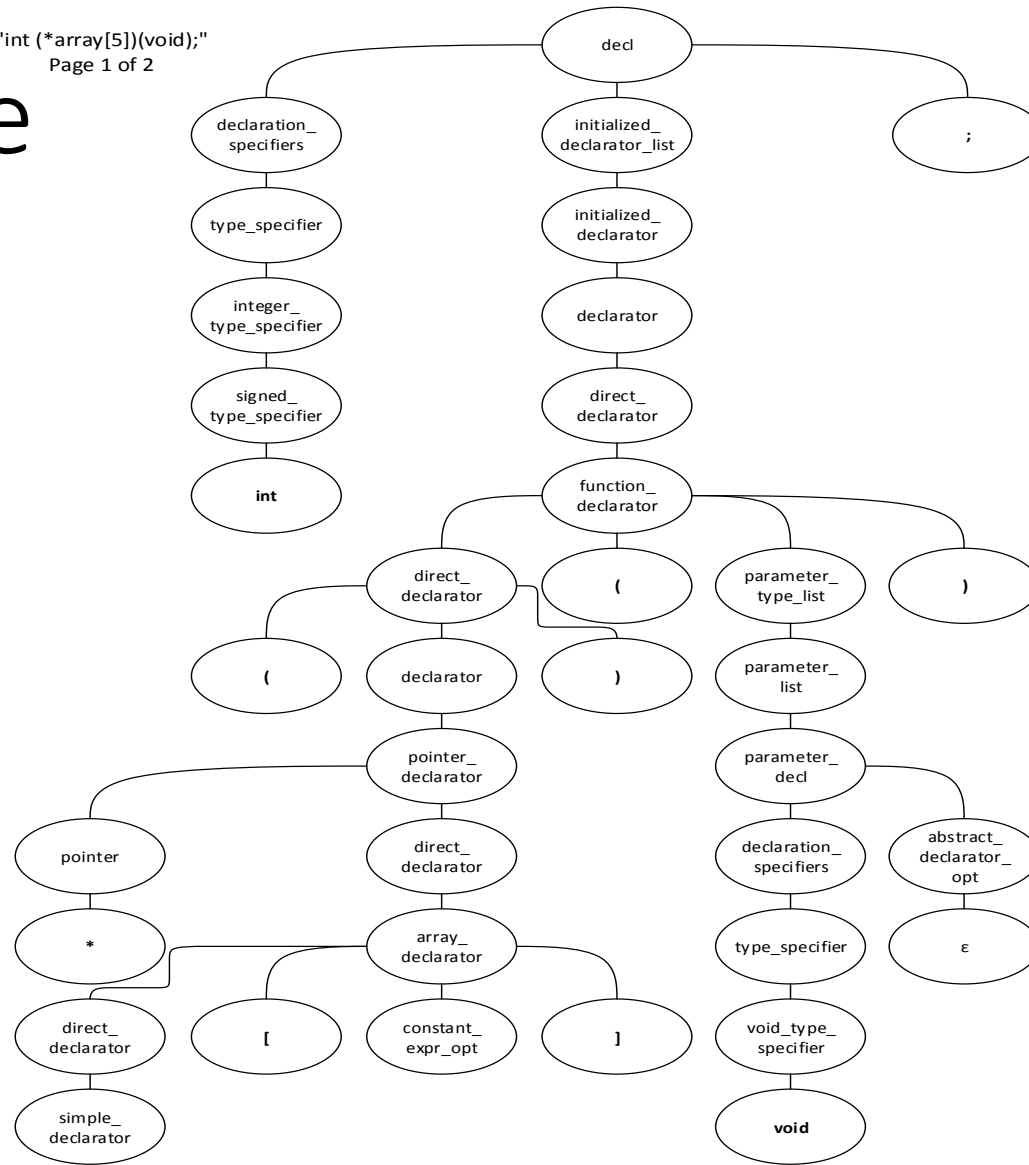
- Means:

“array” is an array of 5 pointers to functions that take no parameters and return an int

Parse Tree

(1 of 2)

"int (*array[5])(void);"
Page 1 of 2



Parse Tree

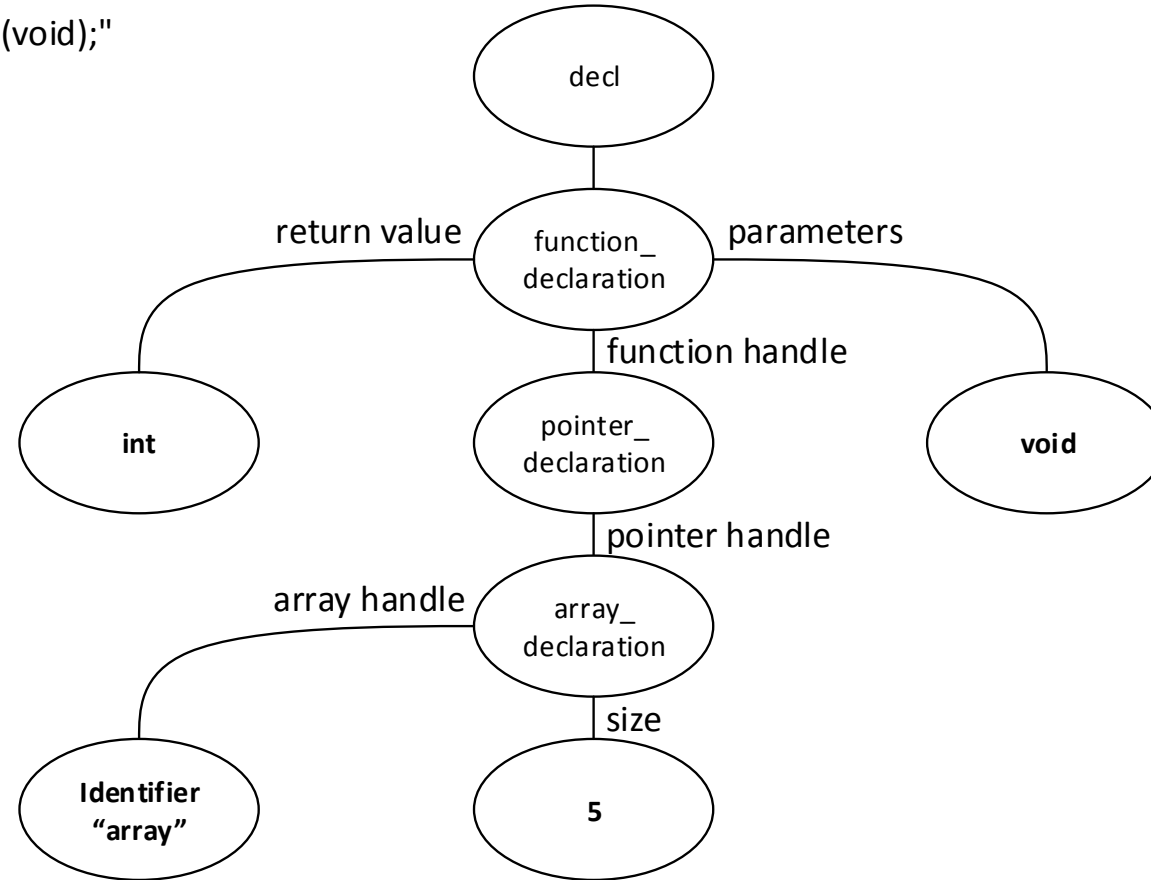
(2 of 2)

"int (*array[5])(void);"
Page 2 of 2



Abstract Syntax Tree (AST)

"int (*array[5])(void);"



Type Tree

```
"int (*array[5])(void);"
```

