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Secure Software Engineering Final

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Tree.c:614

Memory leak : dirname

Cppcheck

Memory was lost or leaked when this portion of the code was run

Tree.c:912

Unitialized variable: v

Cppchceck

The variable v is not initialized within the program

Tree.c:1214

Null pointer dereference

Cppcheck

Code pointed to null value instead of valid memory block

Color.c 237

Argument with ‘nonnull’ attribute passed null

Clang

Null was passed to a attribute that accepts nonnull values

Tree.c 912

Assigned value is garbage or undefined

Clang

Duplicate error caught by cppcheck - The variable v is not initialized within the program

Tree.c 325

Dead assignment

Clang

Assignment of a variable that wasn’t used in the program

Tree.c 814

Dead assignment

Clang

Assignment of a variable that wasn’t used in the program

Tree.c 1299

Dead increment

Clang

Increment of value that is never executed in the program

Hash.c 78

Dereference of null pointer

Clang

Null was passed to a attribute that accepts nonnull values

Hash.c 101

Dereference of null pointer

Clang

Null was passed to a attribute that accepts nonnull values

Hash.c 51

Dereference of null pointer

Clang

Null was passed to a attribute that accepts nonnull values

Tree.c 569

Memory leak

Clang

Info was leaked from memory which can cause errors in output

Hash.c:36

MEMORY\_LEAK

Infer

Info was leaked from memory which can cause errors in output

Hash.c 63

MEMORY\_LEAK

Infer

Info was leaked from memory which can cause errors in output

Unix.c 195

NULL\_DEREFERENCE

Infer

Null was passed to a attribute that accepts nonnull values

html.c 288

NULL\_DEREFERENCE

Infer

Null was passed to a attribute that accepts nonnull values

tree.c 814

DEAD\_STORE

Infer

Value that is stored by the program is never used

tree.c 1194

NULL\_DEREFERENCE

Infer

Null was passed to a attribute that accepts nonnull values

tree.c 1299

DEAD\_STORE

Infer

Value that is stored by the program is never used

Tree.c:446 then 977

Memory leak

Valgrind

Memory is leaked by program which could cause errors in output