

smacc2\_sm\_reference  
\_library/sm\_dance\_bot  
\_warehouse\_2/include/sm  
\_dance\_bot\_warehouse\_2/superstates  
/ss\_radial\_pattern\_2.hpp



```
graph BT; A["smacc2_sm_reference_library/sm_dance_bot_warehouse_2/src/sm_dance_bot_warehouse_2.cpp"] --> B["smacc2_sm_reference_library/sm_dance_bot_warehouse_2/sm_dance_bot_warehouse_2.hpp"]; B --> C["smacc2_sm_reference_library/sm_dance_bot_warehouse_2/include/sm_dance_bot_warehouse_2/superstates/ss_radial_pattern_2.hpp"];
```

The diagram illustrates the compilation path of a C++ source file. It consists of three rectangular boxes arranged vertically, connected by upward-pointing blue arrows. The bottom box contains the source file path. The middle box contains the corresponding header file path. The top box contains the final header file path after an include guard transformation, where the file extension is changed from .hpp to .h and the directory structure is flattened into a single path.

smacc2\_sm\_reference  
\_library/sm\_dance\_bot  
\_warehouse\_2/include/sm  
\_dance\_bot\_warehouse\_2/sm  
\_dance\_bot\_warehouse\_2.hpp

smacc2\_sm\_reference  
\_library/sm\_dance\_bot  
\_warehouse\_2/src/sm\_dance  
\_bot\_warehouse\_2/sm\_dance  
\_bot\_warehouse\_2.cpp