

sc\_core::sc\_strhash  
::lookup

sc\_core::sc\_phash::  
lookup

sc\_core::sc\_pdhash  
::lookup

sc\_core::sc\_phash\_base  
::lookup

```
graph LR; A[sc_core::sc_strhash::lookup] --> D[sc_core::sc_phash_base::lookup]; B[sc_core::sc_phash::lookup] --> D; C[sc_core::sc_pdhash::lookup] --> D;
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The diagram illustrates a design pattern where three specific lookup functions (sc\_strhash, sc\_phash, and sc\_pdhash) are implemented as subclasses or wrappers that all delegate the lookup operation to a single base function (sc\_phash\_base). The base function is highlighted in gray, while the specific functions are in white boxes. Blue arrows indicate the flow of control from the specific functions to the base function.