

STDEASY – easy way to find STL header

```
#include <vector>
```

```
std::vector - > #include <vector>
```

```
int main()
```

```
{
```

```
    std::vector<int> vector;
```

```
    return 0;
```

```
}
```

```
#include <shared_ptr>
```

```
int main()
```

```
{
```

```
    std::shared_ptr<int> shared_ptr;
```

```
    return 0;
```

```
}
```

```
<source>:1:10: fatal error: shared_ptr: No such file or directory  
1 | #include <shared_ptr>  
  | ^~~~~~
```

```
#include <memory>
```

```
int main()
```

```
{
```

```
    std::shared_ptr<int> vector;
```

```
    return 0;
```

```
}
```

```
std::shared_ptr - > #include <memory>
```

Why? Because it's related to "memory"

```
#include <???
```

```
#include <utility> OR #include <algorithm> OR #include <functional> ?
```

```
int main()
```

```
{
```

```
std::less<int> less;
```

```
return 0;
```

```
}
```

```
#include <functional>
```

```
std::less - > #include <functional> - right answer
```

```
int main()
```

```
{
```

```
    std::less<int> less;
```

```
    return 0;
```

```
}
```

```
#include <stdeasy/less>
```

Now more readable and easier to include right header

```
int main()
```

```
{
```

```
    std::less<int> less;
```

```
    return 0;
```

```
}
```

stdeasy

- Don't need remember all STL-headers
- Readable why headers was included
- Don't need search in C++ documentation

Thanks