

```
import inspect
```

```
def process_tool_docs(item):
```

```
    """
```

```
    Process the documentation for a given item.
```

```
    Args:
```

```
        item: The item to process the documentation for.
```

```
    Returns:
```

```
        metadata: The processed metadata containing the item's name, documentation, and source
code.
```

```
    """
```

```
    # If item is an instance of a class, get its class
```

```
    if not inspect.isclass(item) and hasattr(item, "__class__"):
```

```
        item = item.__class__
```

```
    doc = inspect.getdoc(item)
```

```
    source = inspect.getsource(item)
```

```
    is_class = inspect.isclass(item)
```

```
    item_type = "Class Name" if is_class else "Function Name"
```

```
    metadata = f"{item_type}: {item.__name__}\n\n"
```

```
    if doc:
```

```
        metadata += f"Documentation:\n{doc}\n\n"
```

```
    metadata += f"\n{source}"
```

return metadata