



Template Function
holoscan::gxf::find_component_handle

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- Defined in [File gxf_utils.hpp](#)

Function Documentation

```
template<typename S>  
inline gxf_uid_t holoscan::gxf::find_component_handle(gxf_context_t context, gxf_uid_t  
component_uid, const char *key, const std::string &tag, const std::string &prefix)
```

Return a component ID from the handle name.

This method parses the handle name and interprets it as either a component name in the current entity, or as a composed string of the form 'entity_name/component_name'. This method reuses a logic from the GXF SDK.

Parameters

- **context** – The GXF context.
- **component_uid** – The component ID of the component that contains the parameter.
- **key** – The key of the parameter.
- **tag** – The handle name.
- **prefix** – The prefix of the component name.

Returns

The component ID referenced by the key.

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