



Program Listing for File manual_clock.hpp

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`include/holoscan/core/resources/gxf/manual_clock.hpp`)

```
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or agreed to in writing, software * distributed under the License is distributed on an
"AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
express or implied. * See the License for the specific language governing
permissions and * limitations under the License. */ #ifndef
HOLOSCAN_CORE_RESOURCES_GXF_MANUAL_CLOCK_HPP #define
HOLOSCAN_CORE_RESOURCES_GXF_MANUAL_CLOCK_HPP #include <chrono>
#include <string> #include "./clock.hpp" namespace holoscan { class ManualClock :
public Clock { public: HOLOSCAN_RESOURCE_FORWARD_ARGS_SUPER(ManualClock,
Clock) ManualClock() = default; ManualClock(const std::string& name,
nvidia::gxf::ManualClock* component); const char* gxf_typename() const override {
return "nvidia::gxf::ManualClock"; } void setup(ComponentSpec& spec); double
time() const override; int64_t timestamp() const override; void sleep_for(int64_t
duration_ns) override; void sleep_until(int64_t target_time_ns) override;
nvidia::gxf::ManualClock* get() const; private: Parameter<int64_t>
initial_timestamp_; }; } // namespace holoscan #endif/*
HOLOSCAN_CORE_RESOURCES_GXF_MANUAL_CLOCK_HPP */
```

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