



Program Listing for File service_impl.hpp

[Return to documentation for file](#) (`src/core/services/app_driver/service_impl.hpp`)

```
/* * SPDX-FileCopyrightText: Copyright (c) 2023 NVIDIA CORPORATION & AFFILIATES.
All rights reserved. * SPDX-License-Identifier: Apache-2.0 * * Licensed under the
Apache License, Version 2.0 (the "License"); * you may not use this file except in
compliance with the License. * You may obtain a copy of the License at * *
http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law
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
CORE_SERVICES_APP_DRIVER_SERVICE_IMPL_HPP #define
CORE_SERVICES_APP_DRIVER_SERVICE_IMPL_HPP #include <grpcpp/grpcpp.h>
#include <string> #include <vector> #include "../generated/app_driver.grpc.pb.h" //
Forward declarations namespace holoscan {} namespace holoscan { // Forward
declarations class AppDriver; namespace service { class AppDriverServiceImpl final :
public AppDriverService::Service { public: explicit
AppDriverServiceImpl(holoscan::AppDriver* app_driver); grpc::Status
AllocateFragments(grpc::ServerContext* context, const
holoscan::service::FragmentAllocationRequest* request,
holoscan::service::FragmentAllocationResponse* response) override; grpc::Status
ReportWorkerExecutionFinished( grpc::ServerContext* context, const
holoscan::service::WorkerExecutionFinishedRequest* request,
holoscan::service::WorkerExecutionFinishedResponse* response) override; private:
static std::string uri_decode(const std::string& src); static std::string
parse_ip_from_peer(const std::string& peer); static std::string
parse_port_from_peer(const std::string& peer); void store_worker_info(const
std::string& client_address, const google::protobuf::RepeatedPtrField<std::string>&
fragment_names, const holoscan::service::AvailableSystemResource& resource);
holoscan::AppDriver* app_driver_ = nullptr; }; } // namespace service } // namespace
holoscan #endif/* CORE_SERVICES_APP_DRIVER_SERVICE_IMPL_HPP */
```

© Copyright 2022-2024, NVIDIA.. PDF Generated on 06/06/2024