

# **Программный комплекс «Единая Медиаплатформа»**

## **Технические и эксплуатационные характеристики**

Москва, 2024

## **Аннотация**

Данный документ содержит сведения о технических и эксплуатационных характеристиках программного комплекса «Единая Медиаплатформа» (далее – Медиаплатформа).

В документе приведены следующие сведения:

- технические характеристики Медиаплатформы;
- эксплуатационные характеристики Медиаплатформы.

## **Содержание**

1. Используемые термины и сокращения .....	4
2. Технические характеристики .....	5
2.1. Требования к загружаемым медиафайлам .....	5
2.2. Преобразованные видео .....	5
2.3. Требования к входным потокам .....	5
2.4. Преобразованные потоки .....	5
3. Эксплуатационные характеристики .....	6
3.1. Предполагаемая нагрузка .....	6
3.2. Требования к вычислительным ресурсам .....	6
3.2.1. Предполагаемая схема развертывания .....	6
3.2.2. Минимальные требования к вычислительным ресурсам для Медиаплатформы .....	6
3.2.3. Рекомендованные требования к вычислительным ресурсам для Медиаплатформы	7
3.3. Требования к программной среде .....	7
3.3.1. Используемый технологический стек .....	9
3.3.2. Список сторонних библиотек .....	10

## 1. Используемые термины и сокращения

Термин	Определение
CPU	Central processing unit, центральный процессор
FPS (Frames per second)	Количество кадров в секунду в видеофайле
GPU	Graphic processing unit, графический процессор
Kubernetes	Открытое программное обеспечение для оркестровки контейнеризированных приложений: автоматизации их развёртывания, масштабирования и координации в условиях кластера
Mbps	Мегабит в секунду, показатель пропускной способности обработки
MIME	Спецификация для передачи по сети файлов различного типа: изображений, музыки, текстов, видео, архивов и др. Указание MIME-типа используется в HTML обычно при передаче данных форм и вставки на страницу различных объектов
S3	Объектное хранилище. Его уникальность заключается в хранении огромного объема данных в исходном формате без иерархии и разбивки на отдельные каталоги. У хранилища S3 нет ограничений по масштабированию
БД	База данных
Медиаплатформа	Интегрированная система обработки медиаконтента. Система позволяет: <ul style="list-style-type: none"><li>• проанализировать загруженный медиаконтент и оценить его качество;</li><li>• обработать медиафайл и сохранить его в различном качестве и в нескольких форматах;</li><li>• создать серию эскизов для ознакомительного просмотра;</li><li>• извлечь аудиодорожку из загруженного медиафайла</li></ul>
Контейнер	Формат файла, определяющей распределение аудио, видео, а в некоторых случаях и текстовой информации внутри него
Медиафайл	Компьютерный файл, содержащий аудио- и видеинформацию
СУБД	Система управления базами данных
Транскодирование	Обработка медиафайлов, прямое цифровое преобразование одной кодировки в другую

## **2. Технические характеристики**

### **2.1. Требования к загружаемым медиафайлам**

Медиаплатформа разработана с учетом следующих требований к загружаемым медиафайлам:

- формат загружаемых видео - MOV, MP4, MPG, AVI, FLV, 3GPP, WebM, MPEGPS, OGV, MKV, TS, MXF;
- максимальное разрешение загружаемых видео - UHD (до  $4200 \times 2160$  пикселей);
- видеокодеки - ProRes, HEVC (H.265), MPEG-1, MPEG-2, WMV, AVC (H.264), Theora, VP-8, VP-9, VC-1;
- аудиокодеки - AAC LC, HE-AAC, AC3, E-AC3, MP3, Opus, Vorbis, WMA, PCM;
- субтитры - teletext, DVB subtitles;
- максимальный размер загружаемых видео - 24 Гб (настраиваемый параметр, может быть изменен после тестирования в рабочем окружении).

В общем случае возможна загрузка и обработка медиафайлов, поддерживаемых набором библиотек FFmpeg. Список может быть дополнен после соответствующего тестирования.

### **2.2. Преобразованные видео**

По умолчанию Медиаплатформа сохраняет загруженный файл и производит следующие действия:

- создает эскиз видео – thumbnail;
- транскодирует файл;
- формирует трикмод.

Параметры преобразования загруженного медиафайла, генерации дополнительных артефактов задаются в профиле транскодирования в модуле «Внутренняя система управления задачами при обработке аудио визуального контента».

### **2.3. Требования к входным потокам**

Медиаплатформа разработана с учетом следующих требований к входным потокам:

- форматы входного потока и контейнера - RTMP, SRT или HTTP/MPEG TS;
- видеокодеки - AVC (H.264);
- аудиокодеки - AAC LC.

### **2.4. Преобразованные потоки**

Медиаплатформа формирует из входного потока несколько экземпляров потока в различных качествах:

- разрешение;
- битрейт;
- формат пикселя;
- битность;
- FPS.

Все экземпляры качеств формируются на одном экземпляре транскодера.

Медиаплатформа разработана с учетом следующих требований к выходным потокам:

- форматы выходного потока и контейнера - HTTP Live Streaming/FMP4, RTMP.

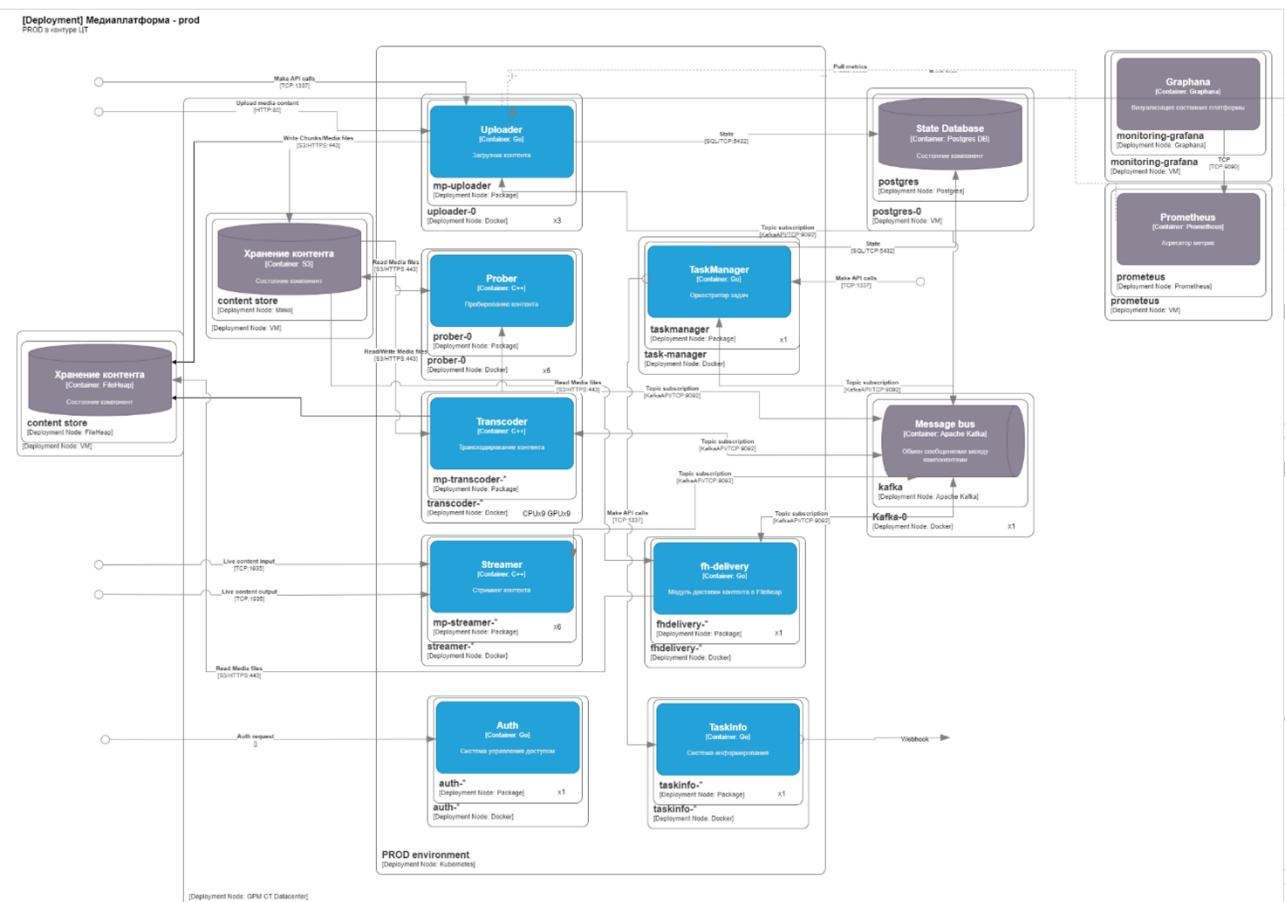
### 3. Эксплуатационные характеристики

#### 3.1. Предполагаемая нагрузка

Предполагаемая нагрузка будет уточнена и предоставлена в том числе по результатам нагружочного тестирования в рабочем окружении.

#### 3.2. Требования к вычислительным ресурсам

##### 3.2.1. Предполагаемая схема развертывания



Streamer //2.3	32	64	100	-	3
Fhdelivery //2.2	4	8	100	-	1
Auth //2.4	4	8	100	-	1
TaskInfo //2.4	4	8	100	-	1

В перечень не входят ресурсы для стандартных сервисов, необходимых для работы Медиаплатформы:

- брокера сообщений Apache Kafka/Zookiper;
- СУБД Postgres;
- S3 совместимого хранилища (Minio или OpenStack Swift); //2.3
- Хранилища FileHeap. //2.2

### 3.2.3. Рекомендованные требования к вычислительным ресурсам для Медиаплатформы

Модуль	CPU, Cores	RAM, GB	HDD, GB	GPU	Qty
TaskManager	4	8	200	-	1
Uploader	12	24	200	-	3+
Transkoder CPU	32	64	200	-	9+
Transcoder GPU	16	32	200	Nvidia Tesla A10/A16	9+
Prober	16	32	200	-	6+
Streamer //2.3	32	64	200	-	6+
Fhdelivery //2.2	4	8	100	-	1
Auth //2.4	4	8	100	-	1
TaskInfo //2.4	4	8	100	-	1

Количество экземпляров сервисов зависит от предполагаемой нагрузки и учитывает показатели производительности, полученные при тестировании.

В перечень не входят ресурсы для стандартных сервисов, необходимых для работы Медиаплатформы:

- брокера сообщений Apache Kafka/Zookiper;
- СУБД Postgres;
- S3 совместимого хранилища (Minio или OpenStack Swift);
- Хранилища FileHeap (Uma или Rutube).

В перечень не входят ресурсы стандартных сервисов во время эксплуатации, в том числе инструментов мониторинга и журнализации.

### 3.3. Требования к программной среде

Медиаплатформа предназначена для работы в кластере Kubernetes. Для развертывания и управления кластерами могут быть использованы облачные гиперконвергентные среды Harvester или OpenStack.

Управление Медиаплатформой осуществляется в среде Rancher. Управление работой сервисов, их регистрация и контроль текущего состояния выполняется стандартными инструментами Rancher.

Мониторинг за функционированием сервисов Медиаплатформы реализован в виде набора сервисов, подключающихся к модулям по протоколам OpenTelemetry и Prometheus. Для наблюдения трейсов используется сервис Zipkin, для метрик – Prometheus и Grafana.

Более подробно мониторинг представлен в документе "Инструкция по эксплуатации Медиаплатформы", раздел «Мониторинг».

### 3.3.1. Используемый технологический стек

Название продукта	Используемая версия	Ссылка	Тип лицензии/ссылка	Для чего используется
<b>Операционные системы</b>				
Ubuntu	20.04.5 LTS	<a href="https://releases.ubuntu.com/focal/">https://releases.ubuntu.com/focal/</a>	<a href="https://ubuntu.com/legal/open-source-licences?release=focal">https://ubuntu.com/legal/open-source-licences?release=focal</a>	transcoder, prober
Alpine Linux	3.18.4	<a href="https://www.alpinelinux.org/about/">https://www.alpinelinux.org/about/</a>	GPL2 и MIT	taskmanager, uploader
<b>СУБД и инфраструктура</b>				
postgres	12.1.3	<a href="https://www.postgresql.org/docs/release/12.1/">https://www.postgresql.org/docs/release/12.1/</a>	PostgreSQL License (similar to BSD or MIT) <a href="https://www.postgresql.org/about/licence/">https://www.postgresql.org/about/licence/</a>	-
kafka	3.3.1	<a href="https://kafka.apache.org/downloads">https://kafka.apache.org/downloads</a>	Apache License 2.0 <a href="https://apache.org/licenses/LICENSE-2.0">https://apache.org/licenses/LICENSE-2.0</a>	-
zookeeper	3.8.0	<a href="https://zookeeper.apache.org/releases.html">https://zookeeper.apache.org/releases.html</a>	Apache License 2.0 <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>	kafka
minio	2023.11.11-debian-11-r0	<a href="https://min.io/product/kubernetes">https://min.io/product/kubernetes</a>	GNU AGPL v3 <a href="https://min.io/compliance">https://min.io/compliance</a>	-
nginx	1.22.1	<a href="https://www.nginx.com/">https://www.nginx.com/</a>	2-clause BSD license <a href="https://docs.nginx.com/nginx/open-source-components/">https://docs.nginx.com/nginx/open-source-components/</a>	testpoint
kubernetes	1.23.17	<a href="https://v1-24.docs.kubernetes.io/ru/">https://v1-24.docs.kubernetes.io/ru/</a>	Apache License 2.0	-

### 3.3.2. Список сторонних библиотек

Название	Версия	Ссылка на официальную страницу с библиотекой	Назва- ние лицен- зии	Ссылка на лицензию	Где используется
filippo.io/edwards25519	v1.1.0	<a href="https://github.com/FiloSottile/edwards25519/">https://github.com/FiloSottile/edwards25519/</a>	BSD-3-Clause	<a href="https://github.com/FiloSottile/edwards25519/blob/v1.1.0/LICENSE">https://github.com/FiloSottile/edwards25519/blob/v1.1.0/LICENSE</a>	Taskmanager, Uploader
github.com/andybalholm/brotli	v1.1.0	<a href="https://github.com/andybalholm/brotli/">https://github.com/andybalholm/brotli/</a>	MIT	<a href="https://github.com/andybalholm/brotli/blob/v1.1.0/LICENSE">https://github.com/andybalholm/brotli/blob/v1.1.0/LICENSE</a>	Auth, FHDelivery, Taskin fo, Taskmanager
github.com/ansrivas/fiber-prometheus/v2	v2.6.1	<a href="https://github.com/ansrivas/fiber-prometheus/">https://github.com/ansrivas/fiber-prometheus/</a>	MIT	<a href="https://github.com/ansrivas/fiberprometheus/blob/v2.6.1/LICENSE">https://github.com/ansrivas/fiberprometheus/blob/v2.6.1/LICENSE</a>	Taskmanager, Uploader
github.com/arsmn/fiber-swagger/v2	v2.31.1	<a href="https://github.com/arsmn/fiber-swagger/">https://github.com/arsmn/fiber-swagger/</a>	MIT	<a href="https://github.com/arsmn/fiber-swagger/blob/v2.31.1/LICENSE">https://github.com/arsmn/fiber-swagger/blob/v2.31.1/LICENSE</a>	Auth, FHDelivery, Taskin fo, Taskmanager, Uploader
github.com/aws/aws-sdk-go	v1.50.35	<a href="https://github.com/aws/aws-sdk-go/">https://github.com/aws/aws-sdk-go/</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go/blob/v1.50.35/LICENSE.txt">https://github.com/aws/aws-sdk-go/blob/v1.50.35/LICENSE.txt</a>	FHDelivery
github.com/aws/aws-sdk-go/internal/sync/singleflight	v1.50.35	<a href="https://github.com/aws/aws-sdk-go/tree/main/internal/sync/singleflight">https://github.com/aws/aws-sdk-go/tree/main/internal/sync/singleflight</a>	BSD-3-Clause	<a href="https://github.com/aws/aws-sdk-go/blob/v1.50.35/internal\sync\singleflight\LICENSE">https://github.com/aws/aws-sdk-go/blob/v1.50.35/internal\sync\singleflight\LICENSE</a>	FHDelivery
github.com/aws/aws-sdk-go-v2	v1.25.3	<a href="https://github.com/aws/aws-sdk-go-v2">https://github.com/aws/aws-sdk-go-v2</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go-v2/blob/v1.25.3/LICENSE.txt">https://github.com/aws/aws-sdk-go-v2/blob/v1.25.3/LICENSE.txt</a>	Uploader
github.com/aws/aws-sdk-go-v2/aws/protocol/eventstream	v1.6.1	<a href="https://github.com/aws/aws-sdk-go-v2/tree/aws/protocol/eventstream/v1.6.1/aws/protocol/eventstream">https://github.com/aws/aws-sdk-go-v2/tree/aws/protocol/eventstream/v1.6.1/aws/protocol/eventstream</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go-v2/blob/aws/protocol/eventstream/v1.6.1/aws/protocol/eventstream/LICENSE.txt">https://github.com/aws/aws-sdk-go-v2/blob/aws/protocol/eventstream/v1.6.1/aws/protocol/eventstream/LICENSE.txt</a>	Uploader
github.com/aws/aws-sdk-go-v2/config	v1.27.7	<a href="https://github.com/aws/aws-sdk-go-v2/tree/config/v1.27.7/config">https://github.com/aws/aws-sdk-go-v2/tree/config/v1.27.7/config</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go-v2/blob/config/v1.27.7/config/LICENSE.txt">https://github.com/aws/aws-sdk-go-v2/blob/config/v1.27.7/config/LICENSE.txt</a>	Uploader
github.com/aws/aws-sdk-go-v2/credentials	v1.17.7	<a href="https://github.com/aws/aws-sdk-go-v2/tree/credentials/v1.17.7/credentials">https://github.com/aws/aws-sdk-go-v2/tree/credentials/v1.17.7/credentials</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go-v2/blob/credentials/v1.17.7/credentials/LICENSE.txt">https://github.com/aws/aws-sdk-go-v2/blob/credentials/v1.17.7/credentials/LICENSE.txt</a>	Uploader
github.com/aws/aws-sdk-go-v2/feature/ec2/imds	v1.15.3	<a href="https://github.com/aws/aws-sdk-go-v2/tree/feature/ec2/imds/v1.15.3/feature/ec2/imds">https://github.com/aws/aws-sdk-go-v2/tree/feature/ec2/imds/v1.15.3/feature/ec2/imds</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go-v2/blob/feature/ec2/imds/v1.15.3/feature/ec2/imds/LICENSE.txt">https://github.com/aws/aws-sdk-go-v2/blob/feature/ec2/imds/v1.15.3/feature/ec2/imds/LICENSE.txt</a>	Uploader

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
github.com/aws/aws-sdk-go-v2/feature/s3/manager	v1.16.10	<a href="https://github.com/aws/aws-sdk-go-v2/tree/feature/s3/manager/v1.16.10/feature/s3/manager/">https://github.com/aws/aws-sdk-go-v2/tree/feature/s3/manager/v1.16.10/feature/s3/manager/</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go-v2/blob/feature/s3/manager/v1.16.10/feature/s3/manager/LICENSE.txt">https://github.com/aws/aws-sdk-go-v2/blob/feature/s3/manager/v1.16.10/feature/s3/manager/LICENSE.txt</a>	Uploader
github.com/aws/aws-sdk-go-v2/internal/configsources	v1.3.3	<a href="https://github.com/aws/aws-sdk-go-v2/tree/internal/configsources/v1.3.3/internal/configsources/">https://github.com/aws/aws-sdk-go-v2/tree/internal/configsources/v1.3.3/internal/configsources/</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go-v2/blob/internal/configsources/v1.3.3/internal/configsources/LICENSE.txt">https://github.com/aws/aws-sdk-go-v2/blob/internal/configsources/v1.3.3/internal/configsources/LICENSE.txt</a>	Uploader
github.com/aws/aws-sdk-go-v2/internal/endpoints/v2	v2.6.3	<a href="https://github.com/aws/aws-sdk-go-v2/tree/internal/endpoints/v2.6.3/internal/endpoints/v2">https://github.com/aws/aws-sdk-go-v2/tree/internal/endpoints/v2.6.3/internal/endpoints/v2</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go-v2/blob/internal/endpoints/v2.6.3/internal/endpoints/v2/LICENSE.txt">https://github.com/aws/aws-sdk-go-v2/blob/internal/endpoints/v2.6.3/internal/endpoints/v2/LICENSE.txt</a>	Uploader
github.com/aws/aws-sdk-go-v2/internal/ini	v1.8.0	<a href="https://github.com/aws/aws-sdk-go-v2/tree/internal/ini/v1.8.0/internal/ini/">https://github.com/aws/aws-sdk-go-v2/tree/internal/ini/v1.8.0/internal/ini/</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go-v2/blob/internal/ini/v1.8.0/internal/ini/LICENSE.txt">https://github.com/aws/aws-sdk-go-v2/blob/internal/ini/v1.8.0/internal/ini/LICENSE.txt</a>	Uploader
github.com/aws/aws-sdk-go-v2/internal/sync/singleflight	v1.25.3	<a href="https://github.com/aws/aws-sdk-go-v2/tree/v1.25.3/internal\sync\singleflight">https://github.com/aws/aws-sdk-go-v2/tree/v1.25.3/internal\sync\singleflight</a>	BSD-3-Clause	<a href="https://github.com/aws/aws-sdk-go-v2/blob/v1.25.3/internal\sync\singleflight/LICENSE">https://github.com/aws/aws-sdk-go-v2/blob/v1.25.3/internal\sync\singleflight/LICENSE</a>	Uploader
github.com/aws/aws-sdk-go-v2/internal/v4a	v1.3.3	<a href="https://github.com/aws/aws-sdk-go-v2/tree/internal/v4a/v1.3.3/internal/v4a">https://github.com/aws/aws-sdk-go-v2/tree/internal/v4a/v1.3.3/internal/v4a</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go-v2/blob/internal/v4a/v1.3.3/internal/v4a/LICENSE.txt">https://github.com/aws/aws-sdk-go-v2/blob/internal/v4a/v1.3.3/internal/v4a/LICENSE.txt</a>	Uploader
github.com/aws/aws-sdk-go-v2/service/internal/accept-encoding	v1.11.1	<a href="https://github.com/aws/aws-sdk-go-v2/tree/service/internal/accept-encoding/v1.11.1/service/internal/accept-encoding/">https://github.com/aws/aws-sdk-go-v2/tree/service/internal/accept-encoding/v1.11.1/service/internal/accept-encoding/</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go-v2/blob/service/internal/accept-encoding/v1.11.1/service/internal/accept-encoding/LICENSE.txt">https://github.com/aws/aws-sdk-go-v2/blob/service/internal/accept-encoding/v1.11.1/service/internal/accept-encoding/LICENSE.txt</a>	Uploader
github.com/aws/aws-sdk-go-v2/service/internal/checksum	v1.3.5	<a href="https://github.com/aws/aws-sdk-go-v2/tree/service/internal/checksum/v1.3.5/service/internal/checksum/">https://github.com/aws/aws-sdk-go-v2/tree/service/internal/checksum/v1.3.5/service/internal/checksum/</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go-v2/blob/service/internal/checksum/v1.3.5/service/internal/checksum/LICENSE.txt">https://github.com/aws/aws-sdk-go-v2/blob/service/internal/checksum/v1.3.5/service/internal/checksum/LICENSE.txt</a>	Uploader
github.com/aws/aws-sdk-go-	v1.11.5	<a href="https://github.com/aws/aws-sdk-go-">https://github.com/aws/aws-sdk-go-</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-go-v2/blob/service/internal/presigned-">https://github.com/aws/aws-sdk-go-v2/blob/service/internal/presigned-</a>	Uploader

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
v2/service/internal/presigned-url		v2/tree/service/internal/presigned-url/v1.11.5/service/internal/presigned-url/		url/v1.11.5/service/internal/presigned-url/LICENSE.txt	
github.com/aws/aws-sdk-go-v2/service/internal/s3shared	v1.17.3	https://github.com/aws/aws-sdk-go-v2/tree/service/internal/s3shared/v1.17.3/service/internal/s3shared/	Apache-2.0	https://github.com/aws/aws-sdk-go-v2/blob/service/internal/s3shared/v1.17.3/service/internal/s3shared/LICENSE.txt	Uploader
github.com/aws/aws-sdk-go-v2/service/s3	v1.52.0	https://github.com/aws/aws-sdk-go-v2/tree/service/s3/v1.52.0/service/s3	Apache-2.0	https://github.com/aws/aws-sdk-go-v2/blob/service/s3/v1.52.0/service/s3/LICENSE.txt	Uploader
github.com/aws/aws-sdk-go-v2/service/sso	v1.20.2	https://github.com/aws/aws-sdk-go-v2/tree/service/sso/v1.20.2/service/sso/	Apache-2.0	https://github.com/aws/aws-sdk-go-v2/blob/service/sso/v1.20.2/service/sso/LICENSE.txt	Uploader
github.com/aws/aws-sdk-go-v2/service/ssooidc	v1.23.2	https://github.com/aws/aws-sdk-go-v2/tree/service/ssooidc/v1.23.2/service/ssooidc	Apache-2.0	https://github.com/aws/aws-sdk-go-v2/blob/service/ssooidc/v1.23.2/service/ssooidc/LICENSE.txt	Uploader
github.com/aws/aws-sdk-go-v2/service/sts	v1.28.4	https://github.com/aws/aws-sdk-go-v2/tree/service/sts/v1.28.4/service/sts/	Apache-2.0	https://github.com/aws/aws-sdk-go-v2/blob/service/sts/v1.28.4/service/sts/LICENSE.txt	Uploader
github.com/aws/smithy-go	v1.20.1	https://github.com/aws/smithy-go/	Apache-2.0	https://github.com/aws/smithy-go/blob/v1.20.1/LICENSE	Uploader
github.com/aws/smithy-go/internal/sync/singleflight	v1.20.1	https://github.com/aws/smithy-go/tree/main/internal/sync/singleflight	BSD-3-Clause	https://github.com/aws/smithy-go/blob/v1.20.1/internal/sync\singleflight\LICENSE	Uploader
github.com/beorn7/perks/quantile	v1.0.1	https://github.com/beorn7/perks/tree/master/quantile	MIT	https://github.com/beorn7/perks/blob/v1.0.1/LICENSE	Taskmanager, Uploader
github.com/carlescere/scheduler	v0.0.0-20170109141437-ee74d2f83d82	https://github.com/carlescere/scheduler	MIT	https://github.com/carlescere/scheduler/blob/ee74d2f83d82/LICENSE	Taskmanager, Uploader

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
github.com/cespare/xxhash/v2	v2.2.0	<a href="https://github.com/cespare/xxhash/tree/v2.2.0">https://github.com/cespare/xxhash/tree/v2.2.0</a>	MIT	<a href="https://github.com/cespare/xxhash/blob/v2.2.0/LICENSE.txt">https://github.com/cespare/xxhash/blob/v2.2.0/LICENSE.txt</a>	Taskmanager, Uploader
github.com/confluentinc/confluent-kafka-go/kafka	v1.9.2	<a href="https://github.com/confluentinc/confluent-kafka-go">https://github.com/confluentinc/confluent-kafka-go</a>	Apache-2.0	<a href="https://github.com/confluentinc/confluent-kafka-go/blob/v1.9.2/LICENSE">https://github.com/confluentinc/confluent-kafka-go/blob/v1.9.2/LICENSE</a>	FHDelivery, Taskinfo, Taskmanager, Uploader
github.com/fclairamb/aeros3	v0.3.1	<a href="https://github.com/fclairamb/aeros3">https://github.com/fclairamb/aeros3</a>	MIT	<a href="https://github.com/fclairamb/aeros3/blob/v0.3.1/LICENSE">https://github.com/fclairamb/aeros3/blob/v0.3.1/LICENSE</a>	FHDelivery
github.com/fsnotify/fsnotify	v1.7.0	<a href="https://github.com/fsnotify/fsnotify">https://github.com/fsnotify/fsnotify</a>	BSD-3-Clause	<a href="https://github.com/fsnotify/fsnotify/blob/v1.7.0/LICENSE">https://github.com/fsnotify/fsnotify/blob/v1.7.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Taskmanager, Uploader
github.com/gabriel-vasile/mimetype	v1.4.3	<a href="https://github.com/gabriel-vasile/mimetype/tree/v1.4.3">https://github.com/gabriel-vasile/mimetype/tree/v1.4.3</a>	MIT	<a href="https://github.com/gabriel-vasile/mimetype/blob/v1.4.3/LICENSE">https://github.com/gabriel-vasile/mimetype/blob/v1.4.3/LICENSE</a>	FHDelivery, Uploader
github.com/gabriel-vasile/mimetype	v1.4.4	<a href="https://github.com/gabriel-vasile/mimetype/tree/v1.4.4">https://github.com/gabriel-vasile/mimetype/tree/v1.4.4</a>	MIT	<a href="https://github.com/gabriel-vasile/mimetype/blob/v1.4.4/LICENSE">https://github.com/gabriel-vasile/mimetype/blob/v1.4.4/LICENSE</a>	Taskmanager
github.com/gofiber/adaptor/v2	v2.2.1	<a href="https://github.com/gofiber/adaptor/tree/v2.2.1">https://github.com/gofiber/adaptor/tree/v2.2.1</a>	MIT	<a href="https://github.com/gofiber/adaptor/blob/v2.2.1/LICENSE">https://github.com/gofiber/adaptor/blob/v2.2.1/LICENSE</a>	Taskmanager, Uploader
github.com/gofiber/contrib/jwt	v1.0.8	<a href="https://github.com/gofiber/contrib/tree/jwt/v1.0.8/jwt">https://github.com/gofiber/contrib/tree/jwt/v1.0.8/jwt</a>	MIT	<a href="https://github.com/gofiber/contrib/blob/jwt/v1.0.8/jwt/LICENSE">https://github.com/gofiber/contrib/blob/jwt/v1.0.8/jwt/LICENSE</a>	Auth
github.com/gofiber/fiber/v2	v2.52.2	<a href="https://github.com/gofiber/fiber/tree/v2.52.2">https://github.com/gofiber/fiber/tree/v2.52.2</a>	MIT	<a href="https://github.com/gofiber/fiber/blob/v2.52.2/LICENSE">https://github.com/gofiber/fiber/blob/v2.52.2/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader
github.com/gofiber/fiber/v2	v2.52.4	<a href="https://github.com/gofiber/fiber/tree/v2.52.4">https://github.com/gofiber/fiber/tree/v2.52.4</a>	MIT	<a href="https://github.com/gofiber/fiber/blob/v2.52.4/LICENSE">https://github.com/gofiber/fiber/blob/v2.52.4/LICENSE</a>	Taskmanager
github.com/gofiber/fiber/v2/internal/go-ole	v2.52.2	<a href="https://github.com/gofiber/fiber/tree/v2.52.2/internal\go-ole">https://github.com/gofiber/fiber/tree/v2.52.2/internal\go-ole</a>	MIT	<a href="https://github.com/gofiber/fiber/blob/v2.52.2/internal\go-ole\LICENSE">https://github.com/gofiber/fiber/blob/v2.52.2/internal\go-ole\LICENSE</a>	Uploader
github.com/gofiber/fiber/v2/internal/gopsutil	v2.52.2	<a href="https://github.com/gofiber/fiber/tree/v2.52.2/internal\gopsutil">https://github.com/gofiber/fiber/tree/v2.52.2/internal\gopsutil</a>	BSD-3-Clause	<a href="https://github.com/gofiber/fiber/blob/v2.52.2/internal\gopsutil\LICENSE">https://github.com/gofiber/fiber/blob/v2.52.2/internal\gopsutil\LICENSE</a>	Uploader
github.com/gofiber/fiber/v2/internal/schema	v2.52.2	<a href="https://github.com/gofiber/fiber/tree/v2.52.2/internal\schema">https://github.com/gofiber/fiber/tree/v2.52.2/internal\schema</a>	BSD-3-Clause	<a href="https://github.com/gofiber/fiber/blob/v2.52.2/internal\schema\LICENSE">https://github.com/gofiber/fiber/blob/v2.52.2/internal\schema\LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader
github.com/gofiber/fiber/v2/internal/schema	v2.52.4	<a href="https://github.com/gofiber/fiber/tree/v2.52.4/internal\schema">https://github.com/gofiber/fiber/tree/v2.52.4/internal\schema</a>	BSD-3-Clause	<a href="https://github.com/gofiber/fiber/blob/v2.52.4/internal\schema\LICENSE">https://github.com/gofiber/fiber/blob/v2.52.4/internal\schema\LICENSE</a>	Taskmanager
github.com/gofiber/fiber/v2/internal/wmi	v2.52.2	<a href="https://github.com/gofiber/fiber/tree/v2.52.2/internal\wmi">https://github.com/gofiber/fiber/tree/v2.52.2/internal\wmi</a>	MIT	<a href="https://github.com/gofiber/fiber/blob/v2.52.2/internal\wmi\LICENSE">https://github.com/gofiber/fiber/blob/v2.52.2/internal\wmi\LICENSE</a>	Uploader

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
github.com/google/uuid	v1.6.0	<a href="https://github.com/google/uuid/tree/v1.6.0">https://github.com/google/uuid/tree/v1.6.0</a>	BSD-3-Clause	<a href="https://github.com/google/uuid/blob/v1.6.0/LICENSE">https://github.com/google/uuid/blob/v1.6.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/go-ole/go-ole	v1.2.6	<a href="https://github.com/go-ole/go-ole/tree/v1.2.6">https://github.com/go-ole/go-ole/tree/v1.2.6</a>	MIT	<a href="https://github.com/go-ole/go-ole/blob/v1.2.6/LICENSE">https://github.com/go-ole/go-ole/blob/v1.2.6/LICENSE</a>	FHDelivery
github.com/go-ole/go-ole	v1.3.0	<a href="https://github.com/go-ole/go-ole/tree/v1.3.0">https://github.com/go-ole/go-ole/tree/v1.3.0</a>	MIT	<a href="https://github.com/go-ole/go-ole/blob/v1.3.0/LICENSE">https://github.com/go-ole/go-ole/blob/v1.3.0/LICENSE</a>	Taskmanager
github.com/go-openapi/jsonpointer	v0.21.0	<a href="https://github.com/go-openapi/jsonpointer/tree/v0.21.0">https://github.com/go-openapi/jsonpointer/tree/v0.21.0</a>	Apache-2.0	<a href="https://github.com/go-openapi/jsonpointer/blob/v0.21.0/LICENSE">https://github.com/go-openapi/jsonpointer/blob/v0.21.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/go-openapi/jsonreference	v0.21.0	<a href="https://github.com/go-openapi/jsonreference/tree/v0.21.0">https://github.com/go-openapi/jsonreference/tree/v0.21.0</a>	Apache-2.0	<a href="https://github.com/go-openapi/jsonreference/blob/v0.21.0/LICENSE">https://github.com/go-openapi/jsonreference/blob/v0.21.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/go-openapi/spec	v0.21.0	<a href="https://github.com/go-openapi/spec/tree/v0.21.0">https://github.com/go-openapi/spec/tree/v0.21.0</a>	Apache-2.0	<a href="https://github.com/go-openapi/spec/blob/v0.21.0/LICENSE">https://github.com/go-openapi/spec/blob/v0.21.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/go-openapi/swag	v0.23.0	<a href="https://github.com/go-openapi/swag/tree/v0.23.0">https://github.com/go-openapi/swag/tree/v0.23.0</a>	Apache-2.0	<a href="https://github.com/go-openapi/swag/blob/v0.23.0/LICENSE">https://github.com/go-openapi/swag/blob/v0.23.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/go-playground/locales	v0.14.1	<a href="https://github.com/go-playground/locales/tree/v0.14.1">https://github.com/go-playground/locales/tree/v0.14.1</a>	MIT	<a href="https://github.com/go-playground/locales/blob/v0.14.1/LICENSE">https://github.com/go-playground/locales/blob/v0.14.1/LICENSE</a>	FHDelivery, Taskmanager, Uploader
github.com/go-playground/universal-translator	v0.18.1	<a href="https://github.com/go-playground/universal-translator/tree/v0.18.1">https://github.com/go-playground/universal-translator/tree/v0.18.1</a>	MIT	<a href="https://github.com/go-playground/universal-translator/blob/v0.18.1/LICENSE">https://github.com/go-playground/universal-translator/blob/v0.18.1/LICENSE</a>	FHDelivery, Taskmanager, Uploader
github.com/go-playground/validator/v10	v10.19.0	<a href="https://github.com/go-playground/validator/tree/v10.19.0">https://github.com/go-playground/validator/tree/v10.19.0</a>	MIT	<a href="https://github.com/go-playground/validator/blob/v10.19.0/LICENSE">https://github.com/go-playground/validator/blob/v10.19.0/LICENSE</a>	FHDelivery, Taskmanager, Uploader
github.com/go-sql-driver/mysql	v1.7.0	<a href="https://github.com/go-sql-driver/mysql/tree/v1.7.0">https://github.com/go-sql-driver/mysql/tree/v1.7.0</a>	MPL-2.0	<a href="https://github.com/go-sql-driver/mysql/blob/v1.7.0/LICENSE">https://github.com/go-sql-driver/mysql/blob/v1.7.0/LICENSE</a>	FHDelivery, Taskinfo, Uploader, Taskmanager

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
github.com/hashicorp/errwrap	v1.1.0	<a href="https://github.com/hashicorp/errwrap/tree/v1.1.0">https://github.com/hashicorp/errwrap/tree/v1.1.0</a>	MPL-2.0	<a href="https://github.com/hashicorp/errwrap/blob/v1.1.0/LICENSE">https://github.com/hashicorp/errwrap/blob/v1.1.0/LICENSE</a>	Taskmanager
github.com/hashicorp/gomultierror	v1.1.1	<a href="https://github.com/hashicorp/gomultierror/tree/v1.1.1">https://github.com/hashicorp/gomultierror/tree/v1.1.1</a>	MPL-2.0	<a href="https://github.com/hashicorp/gomultierror/blob/v1.1.1/LICENSE">https://github.com/hashicorp/gomultierror/blob/v1.1.1/LICENSE</a>	Taskmanager
github.com/hashicorp/hcl	v1.0.0	<a href="https://github.com/hashicorp/hcl/tree/v1.0.0">https://github.com/hashicorp/hcl/tree/v1.0.0</a>	MPL-2.0	<a href="https://github.com/hashicorp/hcl/blob/v1.0.0/LICENSE">https://github.com/hashicorp/hcl/blob/v1.0.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/jackc/pgpassfile	v1.0.0	<a href="https://github.com/jackc/pgpassfile/tree/v1.0.0">https://github.com/jackc/pgpassfile/tree/v1.0.0</a>	MIT	<a href="https://github.com/jackc/pgpassfile/blob/v1.0.0/LICENSE">https://github.com/jackc/pgpassfile/blob/v1.0.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/jackc/pgservicefile	v0.0.0-20231201235250-de7065d80cb9	<a href="https://github.com/jackc/pgservicefile/tree/de7065d80cb90c10bc4e20b55b77c3b5454ca3a2">https://github.com/jackc/pgservicefile/tree/de7065d80cb90c10bc4e20b55b77c3b5454ca3a2</a>	MIT	<a href="https://github.com/jackc/pgservicefile/blob/de7065d80cb9/LICENSE">https://github.com/jackc/pgservicefile/blob/de7065d80cb9/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/jackc/pgx/v5	v5.5	<a href="https://github.com/jackc/pgx/tree/v5.5">https://github.com/jackc/pgx/tree/v5.5</a>	MIT	<a href="https://github.com/jackc/pgx/blob/v5.5.5/LICENSE">https://github.com/jackc/pgx/blob/v5.5.5/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader
github.com/jackc/pgx/v5	v5.6.0	<a href="https://github.com/jackc/pgx/tree/v5.6.0">https://github.com/jackc/pgx/tree/v5.6.0</a>	MIT	<a href="https://github.com/jackc/pgx/blob/v5.6.0/LICENSE">https://github.com/jackc/pgx/blob/v5.6.0/LICENSE</a>	Taskmanager
github.com/jackc/puddle/v2	v2.2.1	<a href="https://github.com/jackc/puddle/tree/v2.2.1">https://github.com/jackc/puddle/tree/v2.2.1</a>	MIT	<a href="https://github.com/jackc/puddle/blob/v2.2.1/LICENSE">https://github.com/jackc/puddle/blob/v2.2.1/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/jinzhu/inflection	v1.0.0	<a href="https://github.com/jinzhu/inflection/">https://github.com/jinzhu/inflection/</a>	MIT	<a href="https://github.com/jinzhu/inflection/blob/v1.0.0/LICENSE">https://github.com/jinzhu/inflection/blob/v1.0.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/jinzhu/now	v1.1.5	<a href="https://github.com/jinzhu/now/tree/v1.1.5">https://github.com/jinzhu/now/tree/v1.1.5</a>	MIT	<a href="https://github.com/jinzhu/now/blob/v1.1.5/License">https://github.com/jinzhu/now/blob/v1.1.5/License</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/jmespath/go-jmespath	v0.4.0	<a href="https://github.com/jmespath/go-jmespath/tree/v0.4.0">https://github.com/jmespath/go-jmespath/tree/v0.4.0</a>	Apache-2.0	<a href="https://github.com/jmespath/go-jmespath/blob/v0.4.0/LICENSE">https://github.com/jmespath/go-jmespath/blob/v0.4.0/LICENSE</a>	FHDelivery, Uploader

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
github.com/joho/godotenv	v1.5.1	<a href="https://github.com/joho/godotenv/tree/v1.5.1/">https://github.com/joho/godotenv/tree/v1.5.1/</a>	MIT	<a href="https://github.com/joho/godotenv/blob/v1.5.1/LICENSE">https://github.com/joho/godotenv/blob/v1.5.1/LICENSE</a>	FHDelivery, Uploader
github.com/josharian/intern	v1.0.0	<a href="https://github.com/josharian/intern/tree/v1.0.0">https://github.com/josharian/intern/tree/v1.0.0</a>	MIT	<a href="https://github.com/josharian/intern/blob/v1.0.0/license.md">https://github.com/josharian/intern/blob/v1.0.0/license.md</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/klauspost/compress	v1.17.7	<a href="https://github.com/klauspost/compress/tree/v1.17.7">https://github.com/klauspost/compress/tree/v1.17.7</a>	Apache-2.0	<a href="https://github.com/klauspost/compress/blob/v1.17.7/LICENSE">https://github.com/klauspost/compress/blob/v1.17.7/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/klauspost/compress/internal/snapref	v1.17.8	<a href="https://github.com/klauspost/compress/tree/v1.17.8/internal\snapref\f">https://github.com/klauspost/compress/tree/v1.17.8/internal\snapref\f</a>	BSD-3-Clause	<a href="https://github.com/klauspost/compress/blob/v1.17.8/internal\snapref\LICENSE">https://github.com/klauspost/compress/blob/v1.17.8/internal\snapref\LICENSE</a>	Taskmanager
github.com/klauspost/compress/zstd/internal\xxhash	v1.17.8	<a href="https://github.com/klauspost/compress/tree/v1.17.8/zstd\internal\xxhash">https://github.com/klauspost/compress/tree/v1.17.8/zstd\internal\xxhash</a>	MIT	<a href="https://github.com/klauspost/compress/blob/v1.17.8/zstd\internal\xxhash\LICENSE.txt">https://github.com/klauspost/compress/blob/v1.17.8/zstd\internal\xxhash\LICENSE.txt</a>	Taskmanager
github.com/KyleBanks/depth	v1.2.1	<a href="https://github.com/KyleBanks/depth/tree/v1.2.1">https://github.com/KyleBanks/depth/tree/v1.2.1</a>	MIT	<a href="https://github.com/KyleBanks/depth/blob/v1.2.1/LICENSE">https://github.com/KyleBanks/depth/blob/v1.2.1/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/leodido/gourm	v1.4.0	<a href="https://github.com/leodido/gourm/tree/v1.4.0">https://github.com/leodido/gourm/tree/v1.4.0</a>	MIT	<a href="https://github.com/leodido/gourm/blob/v1.4.0/LICENSE">https://github.com/leodido/gourm/blob/v1.4.0/LICENSE</a>	FHDelivery, Taskmanager, Uploader
github.com/lib/pq	v1.10.9	<a href="https://github.com/lib/pq/tree/v1.10.9/">https://github.com/lib/pq/tree/v1.10.9/</a>	MIT	<a href="https://github.com/lib/pq/blob/v1.10.9/LICENSE.md">https://github.com/lib/pq/blob/v1.10.9/LICENSE.md</a>	FHDelivery, Taskinfo, Taskmanager, Uploader
github.com/magiconair/properties	v1.8.7	<a href="https://github.com/magiconair/properties/tree/v1.8.7/">https://github.com/magiconair/properties/tree/v1.8.7/</a>	BSD-2-Clause	<a href="https://github.com/magiconair/properties/blob/v1.8.7/LICENSE.md">https://github.com/magiconair/properties/blob/v1.8.7/LICENSE.md</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/mailru/easyjson	v0.7.7	<a href="https://github.com/mailru/easyjson/tree/v0.7.7">https://github.com/mailru/easyjson/tree/v0.7.7</a>	MIT	<a href="https://github.com/mailru/easyjson/blob/v0.7.7/LICENSE">https://github.com/mailru/easyjson/blob/v0.7.7/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/mattn/go-colorable	v0.1.13	<a href="https://github.com/mattn/go-colorable/tree/v0.1.13">https://github.com/mattn/go-colorable/tree/v0.1.13</a>	MIT	<a href="https://github.com/mattn/go-colorable/blob/v0.1.13/LICENSE">https://github.com/mattn/go-colorable/blob/v0.1.13/LICENSE</a>	Auth, FHDelivery, Taskinfo

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
					fo, Uploader, Taskmanager
github.com/mattn/go-isatty	v0.0.20	<a href="https://github.com/mattn/go-isatty/tree/v0.0.20">https://github.com/mattn/go-isatty/tree/v0.0.20</a>	MIT	<a href="https://github.com/mattn/go-isatty/blob/v0.0.20/LICENSE">https://github.com/mattn/go-isatty/blob/v0.0.20/LICENSE</a>	Auth, FHDelivery, Taskin fo, Uploader, Taskmanager
github.com/mattn/gorunewidth	v0.0.15	<a href="https://github.com/mattn/gorunewidth/tree/v0.0.15">https://github.com/mattn/gorunewidth/tree/v0.0.15</a>	MIT	<a href="https://github.com/mattn/gorunewidth/blob/v0.0.15/LICENSE">https://github.com/mattn/gorunewidth/blob/v0.0.15/LICENSE</a>	Auth, FHDelivery, Taskin fo, Uploader, Taskmanager
github.com/MicahParks/keyfunc/v2	v2.1.0	<a href="https://github.com/MicahParks/keyfunc/tree/v2.1.0">https://github.com/MicahParks/keyfunc/tree/v2.1.0</a>	Apache-2.0	<a href="https://github.com/MicahParks/keyfunc/blob/v2.1.0/LICENSE">https://github.com/MicahParks/keyfunc/blob/v2.1.0/LICENSE</a>	Auth
github.com/mitchellh/mapstructure	v1.5.0	<a href="https://github.com/mitchellh/mapstructure/tree/v1.5.0">https://github.com/mitchellh/mapstructure/tree/v1.5.0</a>	MIT	<a href="https://github.com/mitchellh/mapstructure/blob/v1.5.0/LICENSE">https://github.com/mitchellh/mapstructure/blob/v1.5.0/LICENSE</a>	Auth, FHDelivery, Taskin fo, Uploader, Taskmanager
github.com/oklog/ulid/v2	v2.1.0	<a href="https://github.com/oklog/ulid/tree/v2.1.0">https://github.com/oklog/ulid/tree/v2.1.0</a>	Apache-2.0	<a href="https://github.com/oklog/ulid/blob/v2.1.0/LICENSE">https://github.com/oklog/ulid/blob/v2.1.0/LICENSE</a>	Taskmanager, Uploader
github.com/openzipkin/zipkin-go	v0.4.2	<a href="https://github.com/openzipkin/zipkin-go/tree/v0.4.2">https://github.com/openzipkin/zipkin-go/tree/v0.4.2</a>	Apache-2.0	<a href="https://github.com/openzipkin/zipkin-go/blob/v0.4.2/LICENSE">https://github.com/openzipkin/zipkin-go/blob/v0.4.2/LICENSE</a>	Uploader, Taskmanager
github.com/pelletier/gotoml/v2	v2.1.1	<a href="https://github.com/pelletier/gotoml/tree/v2.1.1">https://github.com/pelletier/gotoml/tree/v2.1.1</a>	MIT	<a href="https://github.com/pelletier/gotoml/blob/v2.1.1/LICENSE">https://github.com/pelletier/gotoml/blob/v2.1.1/LICENSE</a>	Auth, FHDelivery, Taskin fo, Uploader, Taskmanager
github.com/pkg/errors	v0.9.1	<a href="https://github.com/pkg/errors/tree/v0.9.1">https://github.com/pkg/errors/tree/v0.9.1</a>	BSD-2-Clause	<a href="https://github.com/pkg/errors/blob/v0.9.1/LICENSE">https://github.com/pkg/errors/blob/v0.9.1/LICENSE</a>	Auth, FHDelivery, Taskin fo, Uploader, Taskmanager
github.com/prometheus/client_golang/prometheus	v1.19.0	<a href="https://github.com/prometheus/client_golang/tree/v1.19.0">https://github.com/prometheus/client_golang/tree/v1.19.0</a>	Apache-2.0	<a href="https://github.com/prometheus/client_golang/blob/v1.19.0/LICENSE">https://github.com/prometheus/client_golang/blob/v1.19.0/LICENSE</a>	Uploader, Taskmanager
github.com/prometheus/client_model/go	v0.6.0	<a href="https://github.com/prometheus/client_model/tree/v0.6.0">https://github.com/prometheus/client_model/tree/v0.6.0</a>	Apache-2.0	<a href="https://github.com/prometheus/client_model/blob/v0.6.0/LICENSE">https://github.com/prometheus/client_model/blob/v0.6.0/LICENSE</a>	Uploader
github.com/prometheus/client_model/go	v0.6.1	<a href="https://github.com/prometheus/client_model/tree/v0.6.1">https://github.com/prometheus/client_model/tree/v0.6.1</a>	Apache-2.0	<a href="https://github.com/prometheus/client_model/blob/v0.6.1/LICENSE">https://github.com/prometheus/client_model/blob/v0.6.1/LICENSE</a>	Taskmanager
github.com/prometheus/common	v0.50.0	<a href="https://github.com/prometheus/common/tree/v0.50.0">https://github.com/prometheus/common/tree/v0.50.0</a>	Apache-2.0	<a href="https://github.com/prometheus/common/blob/v0.50.0/LICENSE">https://github.com/prometheus/common/blob/v0.50.0/LICENSE</a>	Uploader

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
github.com/prometheus/common	v0.53.0	<a href="https://github.com/prometheus/common/tree/v0.53.0">https://github.com/prometheus/common/tree/v0.53.0</a>	Apache-2.0	<a href="https://github.com/prometheus/common/blob/v0.53.0/LICENSE">https://github.com/prometheus/common/blob/v0.53.0/LICENSE</a>	Taskmanager
github.com/prometheus/common/internal/bitbucket.org\ww\goautoneg	v0.50.0	<a href="https://github.com/prometheus/common/internal/bitbucket.org\ww\goautoneg/tree/v0.50.0">https://github.com/prometheus/common/internal/bitbucket.org\ww\goautoneg/tree/v0.50.0</a>	BSD-3-Clause	<a href="https://github.com/prometheus/common/internal/bitbucket.org\ww\goautoneg\READE.txt">https://github.com/prometheus/common/internal/bitbucket.org\ww\goautoneg\READE.txt</a>	Uploader
github.com/prometheus/common/internal/bitbucket.org\ww\goautoneg	v0.53.0	<a href="https://github.com/prometheus/common/internal/bitbucket.org\ww\goautoneg/tree/v0.53.0">https://github.com/prometheus/common/internal/bitbucket.org\ww\goautoneg/tree/v0.53.0</a>	BSD-3-Clause	<a href="https://github.com/prometheus/common/internal/bitbucket.org\ww\goautoneg\READE.txt">https://github.com/prometheus/common/internal/bitbucket.org\ww\goautoneg\READE.txt</a>	Taskmanager
github.com/rivo/uniseg	v0.4.7	<a href="https://github.com/rivo/uniseg/tree/v0.4.7">https://github.com/rivo/uniseg/tree/v0.4.7</a>	MIT	<a href="https://github.com/rivo/uniseg/blob/v0.4.7/LICENSE.txt">https://github.com/rivo/uniseg/blob/v0.4.7/LICENSE.txt</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/rs/zerolog	v1.32.0	<a href="https://github.com/rs/zerolog/tree/v1.32.0">https://github.com/rs/zerolog/tree/v1.32.0</a>	MIT	<a href="https://github.com/rs/zerolog/blob/v1.32.0/LICENSE">https://github.com/rs/zerolog/blob/v1.32.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader
github.com/rs/zerolog	v1.33.0	<a href="https://github.com/rs/zerolog/tree/v1.33.0">https://github.com/rs/zerolog/tree/v1.33.0</a>	MIT	<a href="https://github.com/rs/zerolog/blob/v1.33.0/LICENSE">https://github.com/rs/zerolog/blob/v1.33.0/LICENSE</a>	Taskmanager
github.com/sagikazarmark/slog-shim	v0.1.0	<a href="https://github.com/sagikazarmark/slog-shim/tree/v0.1.0">https://github.com/sagikazarmark/slog-shim/tree/v0.1.0</a>	BSD-3-Clause	<a href="https://github.com/sagikazarmark/slog-shim/blob/v0.1.0/LICENSE">https://github.com/sagikazarmark/slog-shim/blob/v0.1.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/secsy/goftp	v0.0.0-20200609142545-aa2de14babf4	<a href="https://github.com/secsy/goftp/tree/aa2de14babf4">https://github.com/secsy/goftp/tree/aa2de14babf4</a>	MIT	<a href="https://github.com/secsy/goftp/blob/aa2de14babf4/LICENSE">https://github.com/secsy/goftp/blob/aa2de14babf4/LICENSE</a>	Uploader
github.com/shirou/gopsutil/v3	v3.24.4	<a href="https://github.com/shirou/gopsutil/tree/v3.24.4">https://github.com/shirou/gopsutil/tree/v3.24.4</a>	BSD-3-Clause	<a href="https://github.com/shirou/gopsutil/blob/v3.24.4/LICENSE">https://github.com/shirou/gopsutil/blob/v3.24.4/LICENSE</a>	FHDelivery, Taskmanager
github.com/spf13/afero	v1.11.0	<a href="https://github.com/spf13/afero/tree/v1.11.0">https://github.com/spf13/afero/tree/v1.11.0</a>	Apache-2.0	<a href="https://github.com/spf13/afero/blob/v1.11.0/LICENSE.txt">https://github.com/spf13/afero/blob/v1.11.0/LICENSE.txt</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/spf13/cast	v1.6.0	<a href="https://github.com/spf13/cast/tree/v1.6.0">https://github.com/spf13/cast/tree/v1.6.0</a>	MIT	<a href="https://github.com/spf13/cast/blob/v1.6.0/LICENSE">https://github.com/spf13/cast/blob/v1.6.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
github.com/spf13/pflag	v1.0.5	<a href="https://github.com/spf13/pflag/tree/v1.0.5">https://github.com/spf13/pflag/tree/v1.0.5</a>	BSD-3-Clause	<a href="https://github.com/spf13/pflag/blob/v1.0.5/LICENSE">https://github.com/spf13/pflag/blob/v1.0.5/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/spf13/viper	v1.18.2	<a href="https://github.com/spf13/viper/tree/v1.18.2">https://github.com/spf13/viper/tree/v1.18.2</a>	MIT	<a href="https://github.com/spf13/viper/blob/v1.18.2/LICENSE">https://github.com/spf13/viper/blob/v1.18.2/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/subosito/gotenv	v1.6.0	<a href="https://github.com/subosito/gotenv/tree/v1.6.0">https://github.com/subosito/gotenv/tree/v1.6.0</a>	MIT	<a href="https://github.com/subosito/gotenv/blob/v1.6.0/LICENSE">https://github.com/subosito/gotenv/blob/v1.6.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/swaggo/files	v1.0.1	<a href="https://github.com/swaggo/files/tree/v1.0.1">https://github.com/swaggo/files/tree/v1.0.1</a>	MIT	<a href="https://github.com/swaggo/files/blob/v1.0.1/LICENSE">https://github.com/swaggo/files/blob/v1.0.1/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/swaggo/swag	v1.16.3	<a href="https://github.com/swaggo/swag/tree/v1.16.3">https://github.com/swaggo/swag/tree/v1.16.3</a>	MIT	<a href="https://github.com/swaggo/swag/blob/v1.16.3/LICENSE">https://github.com/swaggo/swag/blob/v1.16.3/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/valyala/bytebufferpool	v1.0.0	<a href="https://github.com/valyala/bytebufferpool/tree/v1.0.0">https://github.com/valyala/bytebufferpool/tree/v1.0.0</a>	MIT	<a href="https://github.com/valyala/bytebufferpool/blob/v1.0.0/LICENSE">https://github.com/valyala/bytebufferpool/blob/v1.0.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
github.com/valyala/fasthttp	v1.52.0	<a href="https://github.com/valyala/fasthttp/tree/v1.52.0">https://github.com/valyala/fasthttp/tree/v1.52.0</a>	MIT	<a href="https://github.com/valyala/fasthttp/blob/v1.52.0/LICENSE">https://github.com/valyala/fasthttp/blob/v1.52.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader
github.com/valyala/fasthttp/reuseport	v1.54.0	<a href="https://github.com/valyala/fasthttp/tree/v1.54.0">https://github.com/valyala/fasthttp/tree/v1.54.0</a>	MIT	<a href="https://github.com/valyala/fasthttp/blob/v1.54.0/LICENSE">https://github.com/valyala/fasthttp/blob/v1.54.0/LICENSE</a>	Taskmanager
github.com/valyala/fasthttp/reuseport	v1.52.0	<a href="https://github.com/valyala/fasthttp/tree/v1.52.0/reuseport">https://github.com/valyala/fasthttp/tree/v1.52.0/reuseport</a>	MIT	<a href="https://github.com/valyala/fasthttp/blob/v1.52.0/reuseport/LICENSE">https://github.com/valyala/fasthttp/blob/v1.52.0/reuseport/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader
github.com/valyala/fasthttp/reuseport	v1.54.0	<a href="https://github.com/valyala/fasthttp/tree/v1.54.0/reuseport">https://github.com/valyala/fasthttp/tree/v1.54.0/reuseport</a>	MIT	<a href="https://github.com/valyala/fasthttp/blob/v1.54.0/reuseport/LICENSE">https://github.com/valyala/fasthttp/blob/v1.54.0/reuseport/LICENSE</a>	Taskmanager
github.com/yusufpapurcu/wmi	v1.2.4	<a href="https://github.com/yusufpapurcu/wmi/tree/v1.2.4">https://github.com/yusufpapurcu/wmi/tree/v1.2.4</a>	MIT	<a href="https://github.com/yusufpapurcu/wmi/blob/v1.2.4/LICENSE">https://github.com/yusufpapurcu/wmi/blob/v1.2.4/LICENSE</a>	FHDelivery, Taskmanager

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
golang.org/x/crypto	v0.21.0	<a href="https://cs.opensource.google/go/x/crypto/+refs/tags/v0.21.0">https://cs.opensource.google/go/x/crypto/+refs/tags/v0.21.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/crypto/+v0.21.0:LICENSE">https://cs.opensource.google/go/x/crypto/+v0.21.0:LICENSE</a>	FHDelivery, Uploader
golang.org/x/crypto	v0.23.0	<a href="https://cs.opensource.google/go/x/crypto/+refs/tags/v0.23.0">https://cs.opensource.google/go/x/crypto/+refs/tags/v0.23.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/crypto/+v0.23.0:LICENSE">https://cs.opensource.google/go/x/crypto/+v0.23.0:LICENSE</a>	Taskmanager
golang.org/x/crypto/pbkdf2	v0.21.0	<a href="https://cs.opensource.google/go/x/crypto/+refs/tags/v0.21.0">https://cs.opensource.google/go/x/crypto/+refs/tags/v0.21.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/crypto/+v0.21.0:LICENSE">https://cs.opensource.google/go/x/crypto/+v0.21.0:LICENSE</a>	Auth, Taskinfo
golang.org/x/exp	v0.0.0-20240529005216-23cca8864a10	<a href="https://cs.opensource.google/go/x/exp/+23cca886">https://cs.opensource.google/go/x/exp/+23cca886</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/exp/+v0.0.0-20240529005216-23cca886:LICENSE">https://cs.opensource.google/go/x/exp/+v0.0.0-20240529005216-23cca886:LICENSE</a>	Taskmanager
golang.org/x/net	v0.22.0	<a href="https://cs.opensource.google/go/x/net/+refs/tags/v0.22.0">https://cs.opensource.google/go/x/net/+refs/tags/v0.22.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/net/+v0.22.0:LICENSE">https://cs.opensource.google/go/x/net/+v0.22.0:LICENSE</a>	FHDelivery, Uploader
golang.org/x/net	v0.25.0	<a href="https://cs.opensource.google/go/x/net/+refs/tags/v0.25.0">https://cs.opensource.google/go/x/net/+refs/tags/v0.25.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/net/+v0.25.0:LICENSE">https://cs.opensource.google/go/x/net/+v0.25.0:LICENSE</a>	Taskmanager
golang.org/x/net/webdav	v0.22.0	<a href="https://cs.opensource.google/go/x/net/+refs/tags/v0.22.0">https://cs.opensource.google/go/x/net/+refs/tags/v0.22.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/net/+v0.22.0:LICENSE">https://cs.opensource.google/go/x/net/+v0.22.0:LICENSE</a>	Auth, Taskinfo
golang.org/x/sync/semaphore	v0.6.0	<a href="https://cs.opensource.google/go/x/sync/+refs/tags/v0.6.0">https://cs.opensource.google/go/x/sync/+refs/tags/v0.6.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/sync/+v0.6.0:LICENSE">https://cs.opensource.google/go/x/sync/+v0.6.0:LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader
golang.org/x/sync/semaphore	v0.7.0	<a href="https://cs.opensource.google/go/x/sync/+refs/tags/v0.7.0">https://cs.opensource.google/go/x/sync/+refs/tags/v0.7.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/sync/+v0.7.0:LICENSE">https://cs.opensource.google/go/x/sync/+v0.7.0:LICENSE</a>	Taskmanager
golang.org/x/sys/windows	v0.18.0	<a href="https://cs.opensource.google/go/x/sys/+refs/tags/v0.18.0">https://cs.opensource.google/go/x/sys/+refs/tags/v0.18.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/sys/+v0.18.0:LICENSE">https://cs.opensource.google/go/x/sys/+v0.18.0:LICENSE</a>	Auth, Taskinfo, Uploader
golang.org/x/sys/windows	v0.19.0	<a href="https://cs.opensource.google/go/x/sys/+refs/tags/v0.19.0">https://cs.opensource.google/go/x/sys/+refs/tags/v0.19.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/sys/+v0.19.0:LICENSE">https://cs.opensource.google/go/x/sys/+v0.19.0:LICENSE</a>	FHDelivery
golang.org/x/sys/windows	v0.20.0	<a href="https://cs.opensource.google/go/x/sys/+refs/tags/v0.20.0">https://cs.opensource.google/go/x/sys/+refs/tags/v0.20.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/sys/+v0.20.0:LICENSE">https://cs.opensource.google/go/x/sys/+v0.20.0:LICENSE</a>	Taskmanager
golang.org/x/text	v0.14.0	<a href="https://cs.opensource.google/go/x/text/+refs/tags/v0.14.0">https://cs.opensource.google/go/x/text/+refs/tags/v0.14.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/text/+v0.14.0:LICENSE">https://cs.opensource.google/go/x/text/+v0.14.0:LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader
golang.org/x/text	v0.15.0	<a href="https://cs.opensource.google/go/x/text/+refs/tags/v0.15.0">https://cs.opensource.google/go/x/text/+refs/tags/v0.15.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/text/+v0.15.0:LICENSE">https://cs.opensource.google/go/x/text/+v0.15.0:LICENSE</a>	Taskmanager
golang.org/x/tools	v0.19.0	<a href="https://cs.opensource.google/go/x/tools/+refs/tags/v0.19.0">https://cs.opensource.google/go/x/tools/+refs/tags/v0.19.0</a> :	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/tools/+v0.19.0:LICENSE">https://cs.opensource.google/go/x/tools/+v0.19.0:LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
golang.org/x/tools	v0.21.0	<a href="https://cs.opensource.google/go/x/tools/+refs/tags/v0.21.0">https://cs.opensource.google/go/x/tools/+refs/tags/v0.21.0</a>	BSD-3-Clause	<a href="https://cs.opensource.google/go/x/tools/+/v0.21.0/LICENSE">https://cs.opensource.google/go/x/tools/+/v0.21.0/LICENSE</a>	Taskmanager
google.golang.org/protobuf	v1.33.0	<a href="https://github.com/protocolbuffers/protobuf-go/tree/v1.33.0">https://github.com/protocolbuffers/protobuf-go/tree/v1.33.0</a>	BSD-3-Clause	<a href="https://github.com/protocolbuffers/protobuf-go/blob/v1.33.0/LICENSE">https://github.com/protocolbuffers/protobuf-go/blob/v1.33.0/LICENSE</a>	Uploader
google.golang.org/protobuf	v1.34.1	<a href="https://github.com/protocolbuffers/protobuf-go/tree/v1.34.1">https://github.com/protocolbuffers/protobuf-go/tree/v1.34.1</a>	BSD-3-Clause	<a href="https://github.com/protocolbuffers/protobuf-go/blob/v1.34.1/LICENSE">https://github.com/protocolbuffers/protobuf-go/blob/v1.34.1/LICENSE</a>	Taskmanager
gopkg.in/ini.v1	v1.67.0	<a href="https://github.com/goini/ini/tree/v1.67.0">https://github.com/goini/ini/tree/v1.67.0</a>	Apache-2.0	<a href="https://github.com/goini/ini/blob/v1.67.0/LICENSE">https://github.com/goini/ini/blob/v1.67.0/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
gopkg.in/yaml.v2	v2.4.0	<a href="https://github.com/goyaml/yaml/tree/v2.4.0">https://github.com/goyaml/yaml/tree/v2.4.0</a>	Apache-2.0	<a href="https://github.com/goyaml/yaml/blob/v2.4.0/LICENSE">https://github.com/goyaml/yaml/blob/v2.4.0/LICENSE</a>	Uploader
gopkg.in/yaml.v3	v3.0.1	<a href="https://github.com/goyaml/yaml/tree/v3.0.1">https://github.com/goyaml/yaml/tree/v3.0.1</a>	MIT	<a href="https://github.com/goyaml/yaml/blob/v3.0.1/LICENSE">https://github.com/goyaml/yaml/blob/v3.0.1/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
gorm.io/datatypes	v1.2.0	<a href="https://github.com/gogorm/datatypes/tree/v1.2.0">https://github.com/gogorm/datatypes/tree/v1.2.0</a>	MIT	<a href="https://github.com/gogorm/datatypes/blob/v1.2.0/License">https://github.com/gogorm/datatypes/blob/v1.2.0/License</a>	FHDelivery, Taskinfo, Uploader, Taskmanager
gorm.io/driver/mysql	v1.4.7	<a href="https://github.com/gogorm/mysql/tree/v1.4.7">https://github.com/gogorm/mysql/tree/v1.4.7</a>	MIT	<a href="https://github.com/gogorm/mysql/blob/v1.4.7/License">https://github.com/gogorm/mysql/blob/v1.4.7/License</a>	FHDelivery, Taskinfo, Uploader
gorm.io/driver/mysql	v1.5.6	<a href="https://github.com/gogorm/mysql/tree/v1.5.6">https://github.com/gogorm/mysql/tree/v1.5.6</a>	MIT	<a href="https://github.com/gogorm/mysql/blob/v1.5.6/License">https://github.com/gogorm/mysql/blob/v1.5.6/License</a>	Taskmanager
gorm.io/driver/postgres	v1.5.7	<a href="https://github.com/gogorm/postgres/tree/v1.5.7">https://github.com/gogorm/postgres/tree/v1.5.7</a>	MIT	<a href="https://github.com/gogorm/postgres/blob/v1.5.7/License">https://github.com/gogorm/postgres/blob/v1.5.7/License</a>	Auth, FHDelivery, Taskinfo, Uploader, Taskmanager
gorm.io/gorm	v1.25.10	<a href="https://github.com/gogorm/gorm/tree/v1.25.10">https://github.com/gogorm/gorm/tree/v1.25.10</a>	MIT	<a href="https://github.com/gogorm/gorm/blob/v1.25.10/LICENSE">https://github.com/gogorm/gorm/blob/v1.25.10/LICENSE</a>	Taskmanager
gorm.io/gorm	v1.25.7	<a href="https://github.com/gogorm/gorm/tree/v1.25.7">https://github.com/gogorm/gorm/tree/v1.25.7</a>	MIT	<a href="https://github.com/gogorm/gorm/blob/v1.25.7/LICENSE">https://github.com/gogorm/gorm/blob/v1.25.7/LICENSE</a>	Auth, FHDelivery, Taskinfo, Uploader
abseil	20230125.3	<a href="https://github.com/abseil/abseil-cpp">https://github.com/abseil/abseil-cpp</a>	Apache-2.0	<a href="https://github.com/abseil/abseil-cpp/blob/master/LICENSE">https://github.com/abseil/abseil-cpp/blob/master/LICENSE</a>	Prober, Transcoder, Streamer

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
autoconf	2.71	<a href="https://www.gnu.org/software/autoconf/">https://www.gnu.org/software/autoconf/</a>	GPL-2.0-or-later, GPL-3.0-or-later	<a href="https://git.savannah.gnu.org/cgit/autoconf.git/tree/COPYING?h=v2.71">https://git.savannah.gnu.org/cgit/autoconf.git/tree/COPYING?h=v2.71</a> <a href="https://git.savannah.gnu.org/cgit/autoconf.git/tree/COPYINGv3?h=v2.71">https://git.savannah.gnu.org/cgit/autoconf.git/tree/COPYINGv3?h=v2.71</a>	Prober, Transcoder, Streamer
automake	1.16.5	<a href="https://www.gnu.org/software/automake/">https://www.gnu.org/software/automake/</a>	GPL-2.0-or-later, GPL-3.0-or-later	<a href="cgit/autoconf.git/tree/COPYING?h=v2.71">cgit/autoconf.git/tree/COPYING?h=v2.71</a> <a href="https://git.savannah.gnu.org/cgit/autoconf.git/tree/COPYINGv3?h=v2.71">https://git.savannah.gnu.org/cgit/autoconf.git/tree/COPYINGv3?h=v2.71</a>	Prober, Transcoder, Streamer
aws-c-auth	0.6.11	<a href="https://github.com/awslabs/aws-c-auth">https://github.com/awslabs/aws-c-auth</a>	Apache-2.0	<a href="https://github.com/awslabs/aws-c-auth/blob/v0.6.11/LICENSE">https://github.com/awslabs/aws-c-auth/blob/v0.6.11/LICENSE</a>	Prober, Transcoder, Streamer
aws-c-cal	0.5.13	<a href="https://github.com/awslabs/aws-c-cal">https://github.com/awslabs/aws-c-cal</a>	Apache-2.0	<a href="https://github.com/awslabs/aws-c-cal/blob/v0.5.13/LICENSE">https://github.com/awslabs/aws-c-cal/blob/v0.5.13/LICENSE</a>	Prober, Transcoder, Streamer
aws-c-common	0.8.2	<a href="https://github.com/awslabs/aws-c-common">https://github.com/awslabs/aws-c-common</a>	Apache-2.0	<a href="https://github.com/awslabs/aws-c-common/blob/v0.8.2/LICENSE">https://github.com/awslabs/aws-c-common/blob/v0.8.2/LICENSE</a>	Prober, Transcoder, Streamer
aws-c-compression	0.2.15	<a href="https://github.com/awslabs/aws-c-compression">https://github.com/awslabs/aws-c-compression</a>	Apache-2.0	<a href="https://github.com/awslabs/aws-c-compression/blob/v0.2.15/LICENSE">https://github.com/awslabs/aws-c-compression/blob/v0.2.15/LICENSE</a>	Prober, Transcoder, Streamer
aws-c-event-stream	0.2.7	<a href="https://github.com/awslabs/aws-c-event-stream">https://github.com/awslabs/aws-c-event-stream</a>	Apache-2.0	<a href="https://github.com/awslabs/aws-c-event-stream/blob/v0.2.7/LICENSE">https://github.com/awslabs/aws-c-event-stream/blob/v0.2.7/LICENSE</a>	Prober, Transcoder, Streamer
aws-checksums	0.1.13	<a href="https://github.com/awslabs/aws-checksums">https://github.com/awslabs/aws-checksums</a>	Apache-2.0	<a href="https://github.com/awslabs/aws-checksums/blob/v0.1.13/LICENSE">https://github.com/awslabs/aws-checksums/blob/v0.1.13/LICENSE</a>	Prober, Transcoder, Streamer
aws-c-http	0.6.13	<a href="https://github.com/awslabs/aws-c-http">https://github.com/awslabs/aws-c-http</a>	Apache-2.0	<a href="https://github.com/awslabs/aws-c-http/blob/v0.6.13/LICENSE">https://github.com/awslabs/aws-c-http/blob/v0.6.13/LICENSE</a>	Prober, Transcoder, Streamer
aws-c-io	0.10.20	<a href="https://github.com/awslabs/aws-c-io">https://github.com/awslabs/aws-c-io</a>	Apache-2.0	<a href="https://github.com/awslabs/aws-c-io/blob/v0.10.20/LICENSE">https://github.com/awslabs/aws-c-io/blob/v0.10.20/LICENSE</a>	Prober, Transcoder, Streamer

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
aws-c-mqtt	0.7.10	<a href="https://github.com/awslabs/aws-c-mqtt">https://github.com/awslabs/aws-c-mqtt</a>	Apache-2.0	<a href="https://github.com/awslabs/aws-c-mqtt/blob/v0.7.10/LICENSE">https://github.com/awslabs/aws-c-mqtt/blob/v0.7.10/LICENSE</a>	Prober, Transcoder, Streamer
aws-crt-cpp	0.17.23	<a href="https://github.com/awslabs/aws-crt-cpp">https://github.com/awslabs/aws-crt-cpp</a>	Apache-2.0	<a href="https://github.com/awslabs/aws-crt-cpp/blob/v0.17.23/LICENSE">https://github.com/awslabs/aws-crt-cpp/blob/v0.17.23/LICENSE</a>	Prober, Transcoder, Streamer
aws-c-s3	0.1.37	<a href="https://github.com/awslabs/aws-c-s3">https://github.com/awslabs/aws-c-s3</a>	Apache-2.0	<a href="https://github.com/awslabs/aws-c-s3/blob/v0.1.37/LICENSE">https://github.com/awslabs/aws-c-s3/blob/v0.1.37/LICENSE</a>	Prober, Transcoder, Streamer
aws-c-sdkutils	0.1.3	<a href="https://github.com/awslabs/aws-c-sdkutils">https://github.com/awslabs/aws-c-sdkutils</a>	Apache-2.0	<a href="https://github.com/awslabs/aws-c-sdkutils/blob/v0.1.3/LICENSE">https://github.com/awslabs/aws-c-sdkutils/blob/v0.1.3/LICENSE</a>	Prober, Transcoder, Streamer
aws-sdk-cpp	1.9.234	<a href="https://github.com/aws/aws-sdk-cpp">https://github.com/aws/aws-sdk-cpp</a>	Apache-2.0	<a href="https://github.com/aws/aws-sdk-cpp/blob/1.9.234/LICENSE">https://github.com/aws/aws-sdk-cpp/blob/1.9.234/LICENSE</a>	Prober, Transcoder, Streamer
boost	1.83.0	<a href="https://www.boost.org">https://www.boost.org</a>	BSL-1.0	<a href="https://github.com/boostorg/boost/blob/boost-1.83.0/LICENSE_1_0.txt">https://github.com/boostorg/boost/blob/boost-1.83.0/LICENSE_1_0.txt</a>	Prober, Transcoder, Streamer
github.com/google/brotli	1.1.0	<a href="https://github.com/google/brotli">https://github.com/google/brotli</a>	MIT	<a href="https://github.com/google/brotli/blob/v1.1/LICENSE">https://github.com/google/brotli/blob/v1.1/LICENSE</a>	Prober, Transcoder, Streamer
bzip2	1.0.8	<a href="https://sourceware.org/bzip2">https://sourceware.org/bzip2</a>	bzip2-1.0.8	<a href="https://sourceware.org/git/?p=bzip2.git;a=blob;f=LICENSE;hb=bzip2-1.0.8">https://sourceware.org/git/?p=bzip2.git;a=blob;f=LICENSE;hb=bzip2-1.0.8</a>	Prober, Transcoder, Streamer
c-ares	1.19.1	<a href="https://c-ares.haxx.se/">https://c-ares.haxx.se/</a>	MIT	<a href="https://c-ares.org/license.html">https://c-ares.org/license.html</a>	Prober, Transcoder, Streamer
civetweb	1.16	<a href="https://github.com/civetweb/civetweb">https://github.com/civetweb/civetweb</a>	MIT	<a href="https://github.com/civetweb/civetweb/blob/v1.16/LICENSE.md">https://github.com/civetweb/civetweb/blob/v1.16/LICENSE.md</a>	Prober, Transcoder, Streamer
cppkafka	0.4.1	<a href="https://github.com/mfontanini/cppkafka">https://github.com/mfontanini/cppkafka</a>	MIT	<a href="https://github.com/mfontanini/cppkafka/blob/v0.4.1/LICENSE">https://github.com/mfontanini/cppkafka/blob/v0.4.1/LICENSE</a>	Prober, Transcoder, Streamer
cpuinfo	cci.20231129	<a href="https://github.com/pytorch/cpuinfo">https://github.com/pytorch/cpuinfo</a>	BSD-2-Clause	<a href="https://github.com/pytorch/cpuinfo/blob/main/LICENSE">https://github.com/pytorch/cpuinfo/blob/main/LICENSE</a>	Prober, Transcoder, Streamer

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
cyrus-sasl	2.1.28	<a href="https://www.cyrusimap.org/sasl/">https://www.cyrusimap.org/sasl/</a>	BSD-4- Clause	<a href="https://github.com/cyrusimap/cyrus-sasl/blob/cyrus-sasl-2.1.28/COPYING">https://github.com/cyrusimap/cyrus-sasl/blob/cyrus-sasl-2.1.28/COPYING</a>	Prober, Transcoder, Streamer
dav1d	1.2.1	<a href="https://www.videolan.org/projects/dav1d.html">https://www.videolan.org/projects/dav1d.html</a>	BSD-2- Clause	<a href="https://code.videolan.org/videolan/dav1d-/blob/1.2.1/COPYING?ref_type=tags">https://code.videolan.org/videolan/dav1d-/blob/1.2.1/COPYING?ref_type=tags</a>	Prober, Transcoder, Streamer
expat	2.6.2	<a href="https://github.com/libexpat/libexpat">https://github.com/libexpat/libexpat</a>	MIT	<a href="https://github.com/libexpat/libexpat/blob/R_2_6_2/COPYING">https://github.com/libexpat/libexpat/blob/R_2_6_2/COPYING</a>	Prober, Transcoder, Streamer
ffmpeg	6.1.1-patch1	<a href="https://ffmpeg.org">https://ffmpeg.org</a>	LGPL- 2.1-or- later, GPL- 2.0-or- later	<a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html">http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html</a> <a href="http://www.gnu.org/licenses/old-licenses/gpl-2.0.html">http://www.gnu.org/licenses/old-licenses/gpl-2.0.html</a>	Prober, Transcoder, Streamer
flac	1.4.2	<a href="https://github.com/xiph/flac">https://github.com/xiph/flac</a>	BSD-3- Clause, GPL- 2.0-or- later, LGPL- 2.1-or- later, GFDL- 1.2	<a href="https://github.com/xiph/flac/tree/1.4.2?tab=Licenses-1-ov-file">https://github.com/xiph/flac/tree/1.4.2?tab=Licenses-1-ov-file</a>	Prober, Transcoder, Streamer
fmt	10.2.1	<a href="https://github.com/fmtlib/fmt">https://github.com/fmtlib/fmt</a>	MIT	<a href="https://github.com/fmtlib/fmt/blob/10.2.1/LICENSE.rst">https://github.com/fmtlib/fmt/blob/10.2.1/LICENSE.rst</a>	Prober, Transcoder, Streamer
fontconfig	2.15.0	<a href="https://gitlab.freedesktop.org/fontconfig/fontconfig">https://gitlab.freedesktop.org/fontconfig/fontconfig</a>	MIT	<a href="https://gitlab.freedesktop.org/fontconfig/fontconfig/-/blob/2.15.0/COPYING?ref_type=tags">https://gitlab.freedesktop.org/fontconfig/fontconfig/-/blob/2.15.0/COPYING?ref_type=tags</a>	Prober, Transcoder, Streamer
freetype	2.13.2	<a href="https://www.freetype.org">https://www.freetype.org</a>	FTL	<a href="https://gitlab.freedesktop.org/freetype/freetype/-/blob/VER-2-13-2/docs/FTL.TXT?ref_type=tags">https://gitlab.freedesktop.org/freetype/freetype/-/blob/VER-2-13-2/docs/FTL.TXT?ref_type=tags</a>	Prober, Transcoder, Streamer

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
github.com/facebook/zstd	1.5.5	<a href="https://github.com/facebook/zstd">https://github.com/facebook/zstd</a>	BSD-3-Clause	<a href="https://github.com/facebook/zstd/blob/v1.5.5/LICENSE">https://github.com/facebook/zstd/blob/v1.5.5/LICENSE</a>	Prober, Transcoder, Streamer
grpc	1.54.3	<a href="https://github.com/grpc/grpc">https://github.com/grpc/grpc</a>	Apache-2.0	<a href="https://github.com/grpc/grpc/blob/v1.54.x/LICENSE">https://github.com/grpc/grpc/blob/v1.54.x/LICENSE</a>	Prober, Transcoder, Streamer
gtest	1.14.0	<a href="https://github.com/google/googletest">https://github.com/google/googletest</a>	BSD-3-Clause	<a href="https://github.com/google/googletest/blob/v1.14.x/LICENSE">https://github.com/google/googletest/blob/v1.14.x/LICENSE</a>	Prober, Transcoder, Streamer
libalsa	1.2.10	<a href="https://github.com/alsa-project/alsa-lib">https://github.com/alsa-project/alsa-lib</a>	GPL-2.1-or-later	<a href="https://github.com/alsa-project/alsa-lib/tree/v1.2.10?tab=License-1-ov-file">https://github.com/alsa-project/alsa-lib/tree/v1.2.10?tab=License-1-ov-file</a>	Prober, Transcoder, Streamer
libaom-av1	3.6.1	<a href="https://aomedia.googlesource.com/aom">https://aomedia.googlesource.com/aom</a>	BSD-2-Clause	<a href="https://aomedia.googlesource.com/aom/+/refs/tags/v3.6.1/LICENSE">https://aomedia.googlesource.com/aom/+/refs/tags/v3.6.1/LICENSE</a>	Prober, Transcoder, Streamer
libbacktrace	cci.20210118	<a href="https://github.com/ianlancetaylor/libbacktrace">https://github.com/ianlancetaylor/libbacktrace</a>	BSD-3-Clause	<a href="https://github.com/ianlancetaylor/libbacktrace?tab=License-1-ov-file">https://github.com/ianlancetaylor/libbacktrace?tab=License-1-ov-file</a>	Prober, Transcoder, Streamer
libcap	2.69	<a href="https://git.kernel.org/pub/scm/libs/libcap/libcap.git">https://git.kernel.org/pub/scm/libs/libcap/libcap.git</a>	GPL-2.0-only, BSD-3-Clause	<a href="https://git.kernel.org/pub/scm/libs/libcap/libcap.git/tree/License?h=libcap-2.69">https://git.kernel.org/pub/scm/libs/libcap/libcap.git/tree/License?h=libcap-2.69</a>	Prober, Transcoder, Streamer
libcurl	7.80.0	<a href="https://curl.se">https://curl.se</a>	curl	<a href="https://github.com/curl/curl/blob/curl-7_80_0/COPYING">https://github.com/curl/curl/blob/curl-7_80_0/COPYING</a>	Prober, Transcoder, Streamer
libfdk_aac	2.0.3	<a href="https://sourceforge.net/projects/opencore-amr/">https://sourceforge.net/projects/opencore-amr/</a>	Software License for The Fraunhofer FDK AAC Codec Library for Android	<a href="https://github.com/mstorsjo/fdk-aac/blob/v2.0.3/NOTICE">https://github.com/mstorsjo/fdk-aac/blob/v2.0.3/NOTICE</a>	Prober, Transcoder, Streamer

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
libiconv	1.17	<a href="https://www.gnu.org/software/libiconv/">https://www.gnu.org/software/libiconv/</a>	LGPL-2.1-or-later	<a href="https://git.savannah.gnu.org/cgit/libiconv.git/tree/COPYING?h=v1.17">https://git.savannah.gnu.org/cgit/libiconv.git/tree/COPYING?h=v1.17</a>	Prober, Transcoder, Streamer
libmount	2.39.2	<a href="https://git.kernel.org/pub/scm/utils/util-linux/util-linux.git">https://git.kernel.org/pub/scm/utils/util-linux/util-linux.git</a>	LGPL-2.1-or-later	<a href="https://git.kernel.org/pub/scm/utils/util-linux/util-linux.git/tree/README.licensing?h=v2.39.2">https://git.kernel.org/pub/scm/utils/util-linux/util-linux.git/tree/README.licensing?h=v2.39.2</a>	Prober, Transcoder, Streamer
libmp3lame	3.100	<a href="http://lame.sourceforge.net">http://lame.sourceforge.net</a>	LGPL-2.0	<a href="https://sourceforge.net/p/lame/svn/HEAD/tree/tags/RELEASE_3_100/lame/COPYING">https://sourceforge.net/p/lame/svn/HEAD/tree/tags/RELEASE_3_100/lame/COPYING</a>	Prober, Transcoder, Streamer
libpng	1.6.43	<a href="http://www.libpng.org">http://www.libpng.org</a>	libpng-2.0	<a href="https://sourceforge.net/p/libpng/code/ci/v1.6.43/tree/LICENSE">https://sourceforge.net/p/libpng/code/ci/v1.6.43/tree/LICENSE</a>	Prober, Transcoder, Streamer
librdkafka	2.3.0-patch1	<a href="https://github.com/edenhill/librdkafka">https://github.com/edenhill/librdkafka</a>	BSD-2-Clause	<a href="https://github.com/confluentinc/librdkafka/blob/v2.3.0/LICENSE">https://github.com/confluentinc/librdkafka/blob/v2.3.0/LICENSE</a>	Prober, Transcoder, Streamer
libselinux	3.5	<a href="https://github.com/SELinuxProject/selinux">https://github.com/SELinuxProject/selinux</a>	libselinux-1.0, LGPL-2.1-or-later	<a href="https://github.com/SELinuxProject/selinux/blob/main/libselinux/LICENSE">https://github.com/SELinuxProject/selinux/blob/main/libselinux/LICENSE</a>	Prober, Transcoder, Streamer
libsndfile	1.2.2	<a href="http://www.megnerd.com/libsndfile">http://www.megnerd.com/libsndfile</a>	LGPL-2.1	<a href="https://github.com/libsndfile/libsndfile/blob/1.2.2/COPYING">https://github.com/libsndfile/libsndfile/blob/1.2.2/COPYING</a>	Prober, Transcoder, Streamer
libsvtav1	1.6.0	<a href="https://gitlab.com/AOMediaCodec/SVT-AV1">https://gitlab.com/AOMediaCodec/SVT-AV1</a>	BSD-2-Clause	<a href="https://gitlab.com/AOMediaCodec/SVT-AV1/-/blob/v1.6.0/LICENSE-BSD2.md?ref_type=tags">https://gitlab.com/AOMediaCodec/SVT-AV1/-/blob/v1.6.0/LICENSE-BSD2.md?ref_type=tags</a>	Prober, Transcoder, Streamer
libsystemd	255	<a href="https://www.freedesktop.org/wiki/Software/systemd/">https://www.freedesktop.org/wiki/Software/systemd/</a>	LGPL-2.1-or-later	<a href="https://www.freedesktop.org/wiki/Software/systemd/">https://www.freedesktop.org/wiki/Software/systemd/</a>	Prober, Transcoder, Streamer
libtool	2.4.7	<a href="https://www.gnu.org/software/libtool/">https://www.gnu.org/software/libtool/</a>	GPL-2.0-or-later, GPL-3.0-or-later	<a href="https://git.savannah.gnu.org/cgit/libtool.git/tree/AUTHORS?h=v2.4.7">https://git.savannah.gnu.org/cgit/libtool.git/tree/AUTHORS?h=v2.4.7</a>	Prober, Transcoder, Streamer

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
libvpx	1.13.1	<a href="https://www.webmproject.org/code">https://www.webmproject.org/code</a>	BSD-3-Clause	<a href="https://chromium.googlesource.com/webm/libvpx/+refs/tags/v1.13.1/LICENSE">https://chromium.googlesource.com/webm/libvpx/+refs/tags/v1.13.1/LICENSE</a>	Prober, Transcoder, Streamer
libwebp	1.3.2	<a href="https://chromium.googlesource.com/webm/libwebp">https://chromium.googlesource.com/webm/libwebp</a>	BSD-3-Clause	<a href="https://chromium.googlesource.com/webm/libwebp/+refs/heads/1.3.2/COPYING">https://chromium.googlesource.com/webm/libwebp/+refs/heads/1.3.2/COPYING</a>	Prober, Transcoder, Streamer
libx264	cci.20220602	<a href="https://www.videolan.org/developers/x264.html">https://www.videolan.org/developers/x264.html</a>	GPL-2.0	<a href="https://code.videolan.org/videolan/x264/-/blob/master/COPYING?ref_type=heads">https://code.videolan.org/videolan/x264/-/blob/master/COPYING?ref_type=heads</a>	Prober, Transcoder, Streamer
libx265	3.4	<a href="https://www.videolan.org/developers/x265.html">https://www.videolan.org/developers/x265.html</a>	GPL-2.0-only, commercial	<a href="https://www.gnu.org/licenses/gpl-2.0.html">https://www.gnu.org/licenses/gpl-2.0.html</a> <a href="https://bitbucket.org/multicoreware/x265_git/src/3.4/COPYING">https://bitbucket.org/multicoreware/x265_git/src/3.4/COPYING</a>	Prober, Transcoder, Streamer
libxcrypt	4.4.36	<a href="https://github.com/besser82/libxcrypt">https://github.com/besser82/libxcrypt</a>	LGPL-2.1-or-later	<a href="https://github.com/besser82/libxcrypt/blob/v4.4.36/LICENSING">https://github.com/besser82/libxcrypt/blob/v4.4.36/LICENSING</a>	Prober, Transcoder, Streamer
lz4	1.9.4	<a href="https://github.com/lz4/lz4">https://github.com/lz4/lz4</a>	BSD-2-Clause, BSD-3-Clause	<a href="https://github.com/lz4/lz4/blob/v1.9.4/LICENSE">https://github.com/lz4/lz4/blob/v1.9.4/LICENSE</a>	Prober, Transcoder, Streamer
m4	1.4.19	<a href="https://www.gnu.org/software/m4/">https://www.gnu.org/software/m4/</a>	GPL-3.0-only	<a href="https://savannah.gnu.org/projects/m4/">https://savannah.gnu.org/projects/m4/</a>	Prober, Transcoder, Streamer
magic_enum	0.9.5	<a href="https://github.com/Neargye/magic_enum">https://github.com/Neargye/magic_enum</a>	MIT	<a href="https://github.com/Neargye/magic_enum/blob/v0.9.5/LICENSE">https://github.com/Neargye/magic_enum/blob/v0.9.5/LICENSE</a>	Prober, Transcoder, Streamer
mpg123	1.31.2	<a href="http://mpg123.org/">http://mpg123.org/</a>	LGPL-2.1-or-later	<a href="https://mpg123.org">https://mpg123.org</a>	Prober, Transcoder, Streamer
nlohmann_json	3.11.3	<a href="https://github.com/nlohmann/json">https://github.com/nlohmann/json</a>	MIT	<a href="https://github.com/nlohmann/json/blob/v3.11.3/LICENSES/MIT.txt">https://github.com/nlohmann/json/blob/v3.11.3/LICENSES/MIT.txt</a>	Prober, Transcoder, Streamer
nv-codec-headers	12.1.14.0	<a href="https://github.com/FFmpeg/nv-codec-headers">https://github.com/FFmpeg/nv-codec-headers</a>	MIT	- нет ссылки	Prober, Transcoder, Streamer

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
ogg	1.3.5	<a href="https://github.com/xiph/ogg">https://github.com/xiph/ogg</a>	BSD-3-Clause	<a href="https://github.com/xiph/ogg/blob/v1.3.5/COPYING">https://github.com/xiph/ogg/blob/v1.3.5/COPYING</a>	Prober, Transcoder, Streamer
openh264	2.3.1	<a href="http://www.openh264.org/">http://www.openh264.org/</a>	BSD-2-Clause	<a href="https://github.com/cisco/openh264/blob/v2.3.1/LICENSE">https://github.com/cisco/openh264/blob/v2.3.1/LICENSE</a>	Prober, Transcoder, Streamer
openjpeg	2.5.0	<a href="https://github.com/uclouvain/openjpeg">https://github.com/uclouvain/openjpeg</a>	BSD-2-Clause	<a href="https://github.com/uclouvain/openjpeg/blob/v2.5.0/LICENSE">https://github.com/uclouvain/openjpeg/blob/v2.5.0/LICENSE</a>	Prober, Transcoder, Streamer
openssl	3.2.1	<a href="https://github.com/openssl/openssl">https://github.com/openssl/openssl</a>	Apache-2.0	<a href="https://github.com/openssl/openssl/blob/openssl-3.2.1/LICENSE.txt">https://github.com/openssl/openssl/blob/openssl-3.2.1/LICENSE.txt</a>	Prober, Transcoder, Streamer
opentelemetry-cpp	1.12.0	<a href="https://github.com/opentelemetry/opentelemetry-cpp">https://github.com/opentelemetry/opentelemetry-cpp</a>	Apache-2.0	<a href="https://github.com/opentelemetry/opentelemetry-cpp/blob/v1.12.0/LICENSE">https://github.com/opentelemetry/opentelemetry-cpp/blob/v1.12.0/LICENSE</a>	Prober, Transcoder, Streamer
opus	1.4	<a href="https://opus-codec.org">https://opus-codec.org</a>	BSD-3-Clause	<a href="https://gitlab.xiph.org/xiph/opus/-/blob/v1.4/COPYING?ref_type=tags">https://gitlab.xiph.org/xiph/opus/-/blob/v1.4/COPYING?ref_type=tags</a>	Prober, Transcoder, Streamer
patchelf	0.13	<a href="https://github.com/NixOS/patchelf">https://github.com/NixOS/patchelf</a>	GPL-3.0-or-later	<a href="https://github.com/NixOS/patchelf/blob/0.13/COPYING">https://github.com/NixOS/patchelf/blob/0.13/COPYING</a>	Prober, Transcoder, Streamer
pcre2	10.42	<a href="https://www.pcre.org/">https://www.pcre.org/</a>	BSD	<a href="https://www.pcre.org/licence.txt">https://www.pcre.org/licence.txt</a>	Prober, Transcoder, Streamer
poco	1.13.2	<a href="https://pocoproject.org">https://pocoproject.org</a>	BSL-1.0	<a href="https://github.com/pocoproject/poco/blob/poco-1.13.2/LICENSE">https://github.com/pocoproject/poco/blob/poco-1.13.2/LICENSE</a>	Prober, Transcoder, Streamer
prometheus-cpp	1.1.0	<a href="https://github.com/jupp0r/prometheus-cpp">https://github.com/jupp0r/prometheus-cpp</a>	MIT	<a href="https://github.com/jupp0r/prometheus-cpp/blob/v1.1.0/LICENSE">https://github.com/jupp0r/prometheus-cpp/blob/v1.1.0/LICENSE</a>	Prober, Transcoder, Streamer
protobuf	3.21.12	<a href="https://github.com/protocolbuffers/protobuf">https://github.com/protocolbuffers/protobuf</a>	BSD-3-Clause	<a href="https://github.com/protocolbuffers/protobuf/blob/v3.21.12/LICENSE">https://github.com/protocolbuffers/protobuf/blob/v3.21.12/LICENSE</a>	Prober, Transcoder, Streamer
pulseaudio	14.2	<a href="http://pulseaudio.org/">http://pulseaudio.org/</a>	LGPL-2.1	<a href="https://cgit.freedesktop.org/pulseaudio/pulseaudio/tree/LICENSE?h=v14.2">https://cgit.freedesktop.org/pulseaudio/pulseaudio/tree/LICENSE?h=v14.2</a>	Prober, Transcoder, Streamer

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
rav1e	0.7.1	<a href="https://github.com/xiph/rav1e">https://github.com/xiph/rav1e</a>	BSD 2-Clause	<a href="https://github.com/xiph/rav1e/blob/v0.7.1/LICENSE">https://github.com/xiph/rav1e/blob/v0.7.1/LICENSE</a>	Prober, Transcoder, Streamer
re2	20230301	<a href="https://github.com/google/re2">https://github.com/google/re2</a>	BSD-3-Clause	<a href="https://github.com/google/re2/blob/2023-03-01/LICENSE">https://github.com/google/re2/blob/2023-03-01/LICENSE</a>	Prober, Transcoder, Streamer
s2n	1.3.55	<a href="https://github.com/aws/s2n-tls">https://github.com/aws/s2n-tls</a>	Apache-2.0	<a href="https://github.com/aws/s2n-tls/blob/v1.3.55/LICENSE">https://github.com/aws/s2n-tls/blob/v1.3.55/LICENSE</a>	Prober, Transcoder, Streamer
shaka-packager/main_31_01_2024.patch4	main_31_01_2024.patch4	<a href="https://github.com/shaka-project/shaka-packager">https://github.com/shaka-project/shaka-packager</a>	BSD-3-Clause	<a href="https://github.com/shaka-project/shaka-packager/blob/main/LICENSE">https://github.com/shaka-project/shaka-packager/blob/main/LICENSE</a>	Prober, Transcoder, Streamer
spdlog	1.13.0s	<a href="https://github.com/gabime/spdlog">https://github.com/gabime/spdlog</a>	MIT	<a href="https://github.com/gabime/spdlog/blob/v1.13.0/LICENSE">https://github.com/gabime/spdlog/blob/v1.13.0/LICENSE</a>	Prober, Transcoder, Streamer
srt	1.5.3	<a href="https://github.com/Haivision/srt">https://github.com/Haivision/srt</a>	MPL-2.0	<a href="https://github.com/Haivision/srt/blob/v1.5.3/LICENSE">https://github.com/Haivision/srt/blob/v1.5.3/LICENSE</a>	Prober, Transcoder, Streamer
util-linux-libuuid	2.39.2	<a href="https://github.com/util-linux/util-linux.git">https://github.com/util-linux/util-linux.git</a>	GPL-2.0 license	<a href="https://github.com/util-linux/util-linux/tree/stable/v2.39?tab=License-1-ov-file#">https://github.com/util-linux/util-linux/tree/stable/v2.39?tab=License-1-ov-file#</a>	Prober, Transcoder, Streamer
vaapi/system	system	<a href="https://01.org/linuxmedia/vaapi">https://01.org/linuxmedia/vaapi</a>	MIT	<a href="https://01.org/linuxmedia/vaapi">https://01.org/linuxmedia/vaapi</a>	Prober, Transcoder, Streamer
vdpau/system	system	<a href="https://www.freedesktop.org/wiki/Software/VDPAU/">https://www.freedesktop.org/wiki/Software/VDPAU/</a>	MIT	<a href="https://gitlab.freedesktop.org/vdpau/libvdpau/-/blob/master/COPYING?ref_type=heads">https://gitlab.freedesktop.org/vdpau/libvdpau/-/blob/master/COPYING?ref_type=heads</a>	Prober, Transcoder, Streamer
vorbis	1.3.7	<a href="https://xiph.org/vorbis/">https://xiph.org/vorbis/</a>	BSD-3-Clause	<a href="https://gitlab.xiph.org/xiph/vorbis/-/blob/v1.3.7/COPYING?ref_type=tags">https://gitlab.xiph.org/xiph/vorbis/-/blob/v1.3.7/COPYING?ref_type=tags</a>	Prober, Transcoder, Streamer
websocketpp	0.8.2	<a href="https://github.com/zaphoyd/websocketpp">https://github.com/zaphoyd/websocketpp</a>	BSD-3-Clause	<a href="https://github.com/zaphoyd/websocketpp/tree/0.8.2?tab=License-1-ov-file">https://github.com/zaphoyd/websocketpp/tree/0.8.2?tab=License-1-ov-file</a>	Prober, Transcoder, Streamer
xorg/system	system	<a href="https://www.x.org/wiki/">https://www.x.org/wiki/</a>	MIT	<a href="http://opensource.org/licenses/mit-license.php">http://opensource.org/licenses/mit-license.php</a> <a href="https://gitlab.freedesktop.org/xorg/doc/xorg-docs/-">https://gitlab.freedesktop.org/xorg/doc/xorg-docs/-</a>	Prober, Transcoder, Streamer

<b>Название</b>	<b>Версия</b>	<b>Ссылка на официальную страницу с библиотекой</b>	<b>Назва- ние лицен- зии</b>	<b>Ссылка на лицензию</b>	<b>Где используется</b>
				/blob/master/general/License.xml?ref_type=heads	
xz_utils	5.4.5	<a href="https://tukaani.org/xz">https://tukaani.org/xz</a>	Unlicensed, LGPL-2.1-or-later, GPL-2.0-or-later, GPL-3.0-or-later	<a href="https://github.com/tukaani-project/xz/tree/v5.4.5?tab=License-1-ov-file#">https://github.com/tukaani-project/xz/tree/v5.4.5?tab=License-1-ov-file#</a> <a href="https://github.com/tukaani-project/xz/tree/v5.4.5?tab=License-2-ov-file#">https://github.com/tukaani-project/xz/tree/v5.4.5?tab=License-2-ov-file#</a> <a href="https://github.com/tukaani-project/xz/tree/v5.4.5?tab=License-3-ov-file#">https://github.com/tukaani-project/xz/tree/v5.4.5?tab=License-3-ov-file#</a>	Prober, Transcoder, Streamer
zimg	3.0.5	<a href="https://github.com/sekrit-twc/zimg">https://github.com/sekrit-twc/zimg</a>	WTFPL	<a href="https://github.com/sekrit-twc/zimg/tree/release-3.0.5?tab=License-1-ov-file#">https://github.com/sekrit-twc/zimg/tree/release-3.0.5?tab=License-1-ov-file#</a>	Prober, Transcoder, Streamer
zlib	1.3.1	<a href="https://zlib.net">https://zlib.net</a>	Zlib	<a href="https://zlib.net/zlib_license.html">https://zlib.net/zlib_license.html</a>	Prober, Transcoder, Streamer