

Esri Third-Party OSS/FOSS

Software Acknowledgements

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Disclosed components will be found in the accompanying ArcGIS Maps SDK 200.6 and ArcGIS Maps SDK for Game Engines Open-Source Components spreadsheet for each of the development environments. Each spreadsheet contains information about Open-Source Components and the internal ArcGIS Maps SDK resource that uses the component. For each Open-Source Component specific artifacts are provided in the Component License Artifacts folder -the spreadsheet lists the folder to look in for component artifacts. Additional artifacts will include the component license, and may include other items such as author lists, patent notices, and other dependent component licenses. These folders may contain additional artifacts from components not included in the Maps SDK.

**Note on glew and zlib:**

The Open-Source component “glew” comes up as a false positive with some component scanners. Glew is not used with the ArcGIS Maps SDKs.

The Open-Source component “zlib” comes up as a false positive with some component scanners. Zlib has been replaced with zlib-ng.

**Resolved Vulnerabilities, not exposed:**

Assimp version 5.1.6

* [CVE-2024-45679](https://nvd.nist.gov/vuln/detail/CVE-2024-45679)

Triage Info:

The Native SDKs do not load the Ply format.

* [CVE-2024-46632](https://nvd.nist.gov/vuln/detail/CVE-2024-46632)

Triage Info:

The Native SDKs doesn't support the MD5 importer.

* [CVE-2024-48424](https://nvd.nist.gov/vuln/detail/CVE-2024-48424)

Triage Info:

The Native SDKs disable OPENGEX support by defining ASSIMP\_BUILD\_NO\_OPENGEX\_IMPORTER

* [CVE-2024-40724](https://nvd.nist.gov/vuln/detail/CVE-2024-40724)

Triage Info:

We do not include support for the PLY format, we define the ASSIMP\_BUILD\_NO\_PLY\_IMPORTER preprocessor preventing the offending code from being compiled into our products.

* [CVE-2024-53425](https://nvd.nist.gov/vuln/detail/CVE-2024-53425)

Triage Info:

The Native SDKs doesn't support the MD5 importer.

Expat version 2.6.3

* [CVE-2024-50602](https://nvd.nist.gov/vuln/detail/CVE-2024-50602)

Triage Info:

The Native SDKs do not make use of XML\_ResumeParser().

GDAL version 2.3.1

* [CVE-2019-17546](https://nvd.nist.gov/vuln/detail/CVE-2019-17546)  
  Triage Info:  
  The Native SDK's GDAL is build with libtiff 4.5.1, vulnerability is up to and including 4.0.10
* [CVE-2019-17545](https://nvd.nist.gov/vuln/detail/CVE-2019-17545)

Triage Info:

Cherry picked fix into our GDAL version.

GifLib version 5.1.9

* [CVE-2024-45993](https://nvd.nist.gov/vuln/detail/CVE-2024-45993)

Triage Info:

GIF2RGB is a tool built on top of the library and the Native SDKs do not make use of this tool.

json-c version 0.15.0

* [CVE-2020-12762](https://nvd.nist.gov/vuln/detail/CVE-2020-12762)  
  Triage Info:  
  json-c 0.15 contains the fix referenced by the CVE.

Libtiff version 4.5.1

* [CVE-2023-52355](https://nvd.nist.gov/vuln/detail/CVE-2023-52355)  
  Triage Info:  
  The native SDKs do not make use of TIFFRasterScanlineSize64
* [CVE-2023-41175](https://nvd.nist.gov/vuln/detail/CVE-2023-41175)  
  Triage Info:  
  The vulnerability is in raw2tiff.c which is part of the tools and the Native Maps SDKs do include any of the libtiff tools in it's binary.
* [CVE-2023-40745](https://nvd.nist.gov/vuln/detail/CVE-2023-40745)  
  Triage Info:  
  The security vulnerability is located in the libtiffcp.c which we do not include in our Native Maps SDKs
* [CVE-2023-3164](https://nvd.nist.gov/vuln/detail/CVE-2023-3164)  
  Triage Info:  
  The CVE is in builtin.c, which is not built into the Native Maps SDKs
* [CVE-2024-7006](https://nvd.nist.gov/vuln/detail/CVE-2024-7006)

Triage Info:

The commit (3705f82b6483c7906cf08cd6b9dcdcd59c61d779) that fixes this issue has been cherry picked into the version of libtiff the native SDKs are using.

Skia version m98

* [CVE-2023-6345](https://nvd.nist.gov/vuln/detail/CVE-2023-6345)  
  Triage Info:  
  The Native SDKs do not include the file and functionality where this issue was logged.

**Acknowledged Vulnerabilities in ArcGIS Maps SDK 200\_4 at the time of release:**

Assimp version 5.16

* [CVE-2024-48426](https://nvd.nist.gov/vuln/detail/CVE-2024-48426)

Triage Info:

This is a known vulnerability to the Native SDKs.

* [CVE-2024-48425](https://nvd.nist.gov/vuln/detail/CVE-2024-48425)

Triage Info:

https://nvd.nist.gov/vuln/detail/CVE-2024-48426