 ISO/IEC JTC 1/SC 29/WG 3 N00689

**ISO/IEC JTC 1/SC 29/WG 3**

**MPEG Systems   
Convenorship: KATS (Korea, Republic of)**

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**Title:** **Final registration of Khronos extensions for 1st edition**

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**Email of Convenor:** young.L@samsung.com

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**ISO/IEC JTC 1/SC 29/WG 3**

**CODING OF MOVING PICTURES AND AUDIO**

**ISO/IEC JTC 1/SC 29/WG 3 N** **00689**

**Mainz, DE – October 2022**

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| **Source** | **WG03 (MPEG Systems)** |
| **Title** | **Final registration of Khronos extensions for 1st edition** |
| **Editor** | **Thomas Stockhammer** |
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ISO/IEC JTC 1/SC 29/WG 3 (MPEG Systems) completed the first edition of ISO/IEC 23090-14 Scene Description. MPEG Systems has decided to develop the standard using Khronos glTF 2.0 and is in the process of defining extensions to address the gaps and document solutions in ISO/IEC 23090-14. All extensions use the MPEG\_ namespace which has been registered with Khronos.

As the work on ISO/IEC 23090-14 has been completed, MPEG Systems submitted a pull request for extensions to the Khronos repository following the recommendations here: https://github.com/KhronosGroup/glTF/blob/master/extensions/README.md.

The pull request is available here <https://github.com/KhronosGroup/glTF/pull/2203>.

Additions to the pull requests are forked here: <https://github.com/haudiobe/glTF>.

The commits can be followed here: <https://github.com/KhronosGroup/glTF/pull/2203/commits>. Those were triggered by comments from the main gltf editor.

### Commits on Oct 26, 2022

1. [Licens added to each README.md](https://github.com/KhronosGroup/glTF/pull/2203/commits/71399adfae350e5f48e6adde38e4bdf1d4fbd9ce)

Kondrad Lukasz committed on Oct 26, 2022

[71399ad](https://github.com/KhronosGroup/glTF/pull/2203/commits/71399adfae350e5f48e6adde38e4bdf1d4fbd9ce)

### Commits on Nov 11, 2022

1. [Implemented fixes based on comments received from Khronos experts.](https://github.com/KhronosGroup/glTF/pull/2203/commits/31c5017971047695aa53d1bd6dc486be27b07575)

Imed Bouazizi committed on Nov 11, 2022

[31c5017](https://github.com/KhronosGroup/glTF/pull/2203/commits/31c5017971047695aa53d1bd6dc486be27b07575)

### Commits on Nov 28, 2022

1. [Updated ISO license](https://github.com/KhronosGroup/glTF/pull/2203/commits/3d2fe22d326adc4228f0ee4293020f856dfaeac3)

Imed Bouazizi committed on Nov 28, 2022

[3d2fe22](https://github.com/KhronosGroup/glTF/pull/2203/commits/3d2fe22d326adc4228f0ee4293020f856dfaeac3)

### Commits on Nov 30, 2022

1. [Merge pull request](https://github.com/KhronosGroup/glTF/pull/2203/commits/5156a53b31088b78a21f046e5f892d387db3f756) [#2](https://github.com/haudiobe/glTF/pull/2) [from haudiobe/khronos](https://github.com/KhronosGroup/glTF/pull/2203/commits/5156a53b31088b78a21f046e5f892d387db3f756) …

[@ibouazizi](https://github.com/ibouazizi)

[ibouazizi](https://github.com/haudiobe/glTF/commits?author=ibouazizi) committed on Nov 30, 2022

Verified

[5156a53](https://github.com/KhronosGroup/glTF/pull/2203/commits/5156a53b31088b78a21f046e5f892d387db3f756)

### Commits on Jan 13, 2023

1. [Update to add MPEG Extensions](https://github.com/KhronosGroup/glTF/pull/2203/commits/61522569940108cc9c505954bdb416ddf17faae5)

[@haudiobe](https://github.com/haudiobe)

[haudiobe](https://github.com/haudiobe/glTF/commits?author=haudiobe) committed 10 minutes ago

Verified

[6152256](https://github.com/KhronosGroup/glTF/pull/2203/commits/61522569940108cc9c505954bdb416ddf17faae5)

1. [Merge branch 'KhronosGroup:main' into main](https://github.com/KhronosGroup/glTF/pull/2203/commits/5f3ed58a5e5c64a2543e1ad13f5dfd94ce790318)

[@haudiobe](https://github.com/haudiobe)

[haudiobe](https://github.com/haudiobe/glTF/commits?author=haudiobe) committed 1 minute ago

In addition, the extensions are added to the main extension page: <https://github.com/haudiobe/glTF/blob/main/extensions/README.md>

Based on conversation during the Khronos 3D Format group on January 11, 2023, we expect that the final merge will be conducted shortly, hopefully during MPEG#141.

Based on this recent progress, the extensions are not yet final as final approval from Khronos is needed.