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X3D / README.md

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brutzman various project and HTML improvements

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Extensible 3D (X3D) Specifications

Maintenance and development of all X3D specifications, i.e. ISO/IEC 19775, 19776 and 19777 series.

This repository contains a number of specifications. Currently supported or undergoing revisions:

- 19775-1 - X3D Architecture and base components
- 19775-2 - X3D Scene Access Interface (SAI)
- 19776-1 - X3D XML Encoding
- 19776-2 - X3D ClassicVRML Encoding
- 19776-3 - X3D Compressed Binary Encoding (CBE)
- 19776-4 - X3D Efficient Binary Encoding (CBE)
- 19776-5 - X3D JavaScript Object Notation (JSON) Encoding
- 19777-1 - X3D EcmaScript language binding
- 19777-2 - X3D Java language binding
- 19777-3 - X3D C language binding
- 19777-4 - X3D C++ language binding

- 19777-5 - X3D C# language binding
- 19777-6 - X3D Python language binding

[Web3D Consortium Recommended Standards](#) all support a common architecture for [X3D Specification Relationships](#) that is developed and carefully maintained by the [X3D Graphics Working Group](#).

Membership has value, for everyone! The [Web3D Consortium Standards Strategy](#) enables these powerful standards to maintain interoperability and long-term archival stability.

Specification Changes

[Web3D Consortium Working Groups](#) control the evolution of these specifications. All improvements are informed by multiple implementations, open examples, public comment, and the formal rigor of [International Standards Organization \(ISO\)](#) process.

All proposed changes to existing specification content must first be documented using the Mantis system.

- [Mantis Issue Tracker](#) is used to manage specification changes, comments and resolutions.
- [Mantis Definitions](#) describes the meaning of the Mantis issue status values.
- [Mantis Workflow](#) describes how potential specification changes are described, considered, approved and documented.

When committing changes the commit message must start with the Mantis issue to provide traceability, using the format "Mantis nnn". Note that leading zeroes in the issue number should be omitted. The remainder of the commit message then follows.

[ISO Directives and Policies](#) govern editorial practice for final documents. Web3D Consortium is a [Standards Developing Organization \(SDO\)](#) that holds a Class A Liaison relationships with ISO.

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