

# IDEA RFC: OMI glTF Extension Sprint: A 4-Week Pilot Program #250

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Per casual discussions at today's glTF subgroup meeting, here is an initial way to consider framing the four-week structured journey concept. An idea here is to imagine that journey from idea to artifact in just four one-hour sessions. Each session is meant to deliver a tangible outcome, so even if people only attend one or two, they leave with something concrete.

The primary goal is to create a low-friction, high-value way to "practice" the glTF extension lifecycle, demystifying the process and hopefully providing a launchpad for more sustained efforts.

Below is a rough, first-cut of what that could look like.

## Proposed 4-Week Sprint Outline

The chosen "toy" extension for this sprint is `OMI_node_metadata`, designed for maximum simplicity to keep the focus on the *process*, not complex technical details.

### Week 1: The Spark - From Zero to a Concrete Idea

- **Topic:** What is a glTF extension, really?
- **Activity:** A 5-minute deconstruction of an existing simple extension to identify the key parts (spec, schema, example). Then, collaboratively write a one-paragraph proposal for our `OMI_node_metadata` concept.
- **Outcome:** A shared document with a clear, concise proposal.

### Week 2: The Blueprint - Creating the Schema

- **Topic:** Defining the "rules" for our extension in a machine-readable way.
- **Activity:** A brief intro to JSON Schema, followed by a live, group-editing session to create the `OMI_node_metadata.schema.json` file. We'll use an online validator to check our work.
- **Outcome:** A valid schema file that formally defines our extension's data.

### Week 3: The Proof - Hacking a Live glTF

- **Topic:** Making it real by creating a tangible asset. This is the "Aha!" moment.
- **Activity:** As a group, manually edit a simple `.gltf` file in a text editor to add the necessary `extensionsUsed` fields and the `OMI_node_metadata` data block to a node.
- **Outcome:** A valid glTF model that contains our custom extension data.

### Week 4: The Story & The Next Step

- **Topic:** Documenting what we did and gauging interest for the future.
- **Activity:** Collaboratively write a "micro-spec" ( `README.md` ) that summarizes the extension and shows an example. The second half of the session would be a retrospective and a call to action to see who might be interested in a longer, more in-depth program.
- **Outcome:** A complete "pilot program package" (proposal, schema, example, summary) and a clear path to gauge interest for a larger initiative.

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This is just a starting point for discussion. Would love to hear initial thoughts from the group:

- Does this 4-week structure feel like a practical and valuable "sampler"?
- Would this be an engaging way to learn the ropes of extension development?
- Any suggestions on the activities or the proposed "toy" extension?

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## 0 comments

### Category



Ideas

### Labels

None yet

### 1 participant

