Source	**Telecom ParisTech**
Status	**For consideration during MPEG #117**
Title	**A conformance service for ISOBMFF-based files**
Author	Cyril Concolato, Jean Le Feuvre

1   Introduction

We are currently developing a tool for checking conformance of ISOBMFF-based files. This contribution describes some preliminary results to raise awareness of this tool and to gather feedback.

2   Conformance Service

The conformance service is based on MP4Box to parse the ISOBMFF files and on the validation of rules. We currently implemented multiple basic rules for validations of:
- ISOBMFF files (e.g. mandatory boxes)
- IFF (e.g. presence of a top-level meta box)
- DASH or CMAF (absence of sample in DASH init segment or CMAF header, fragmentation …).
We intend to add more rules as time permits and as needed. The current version validates the 129 files of the conformance suite.

The service is available online at: http://gpac.enst.fr/isovalidation

3   Conclusion

We encourage people to test, report problems and submit feature requests through https://github.com/gpac/isovalidator/issues.