## IEEE 1722.1 Reference Implementation of an Example Protocol Grammar

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## Overview

The ABNF grammar specified in IEEE P1722.1 Draft Version 0.07 Annex B defines a protocol grammar that could be used as a basis for P1722.1

The purpose of the example protocol is to be a potential starting point for P1722.1

The purpose of the reference implementation of this protocol is to be a platform that can be used to implement and test the ideas presented in this and future drafts of P1722.1 with both real AVB endpoints and "pretend" AVB endpoints.

The code is plain C code with minimal dependencies. Separate layers are used for byte transfer, parsing/printing, protocol handlers, endpoint talker/listener events and controller events to allow for experimentation at every level. Abstraction is made for zeroconf mdns provider library. Default support is for Win32, OSX, Linux platforms. Embedded targets are expected to be easily supportable.

## Open Source License of the example code

The source code is released under the permissive ISC open source license (see <a href="http://en.wikipedia.org/wiki/ISC\_license">http://en.wikipedia.org/wiki/ISC\_license</a> ):

```
/*
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```

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## Source / Build Servers

An Open Source Implementation in C is available at:

http://github.com/jdkoftinoff/ieee1722\_1

The continuous integration build server is at:

https://autobuild-oss.statusbar.com/

Contact Jeff Koftinoff for write permission after you create a free github account and learn git ( <a href="http://git-scm.com/">http://git-scm.com/</a>)