fountain-parser README

`fountain-parser` is a small parser library for the [Fountain](#) screenplay format, supporting 1.1 version [syntax](#) and producing a simple, easy to grok AST.

`fountain-parser` is written in [Haskell](#) and it uses the [Megaparsec](#) library for parsing.

1 Motivation

The Fountain authors have implemented a [parsing library](#) in Objective C. Portability would be an issue here: there *are* projects that make it possible to connect Objective C to Haskell, but they're either platform or framework-specific. Their library also employs a multi-pass stategy where every stage creates a modified version of the source, and it's heavily reliant on *Regular Expressions*.

Thus, to create a light-weight, performant and portable solution, it's necessary to start from scratch — an opportunity the author relishes.

2 Implementation Specifics

Fountain files are UTF-8 text files. While this library doesn't impose any file naming scheme, it is customary for Fountain files to have the extension `.fountain`, `.txt` or `.spmd` (the latter for historical reasons.)