M1 Test Application

Release Plan for 1.1 – 1.x  
[fedor.sulaev@outlook.com](mailto:fedor.sulaev@outlook.com)

# version 1.1 - $400

**Due xx.xx.2016**

* Input type selector for multichannel source on the main form – one file or multiple files.
* GUI changes accordingly to the selected multichannel source type and the number of pairs.
* If multiple files source selected, then user can choose a file for each pair as a source.
* If user selects multiple files source type, then different channel routing and source mixing logic is applied when changing orientation.
* Additional functionality added to the custom source mixer or in custom volume sample source in order to provide access to volume of individual pairs.
* Single file and multiple files multichannel source logic separated into two ViewModels in order to keep the main ViewModel maintainable.
* Envelope detector using root mean square of n samples is added in the mixer or separate custom sample source.
* Amplitude limiter based on envelope detector for mixing multichannel output with omni.