



NewPipe

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Schabi

github.com/TeamNewPipe



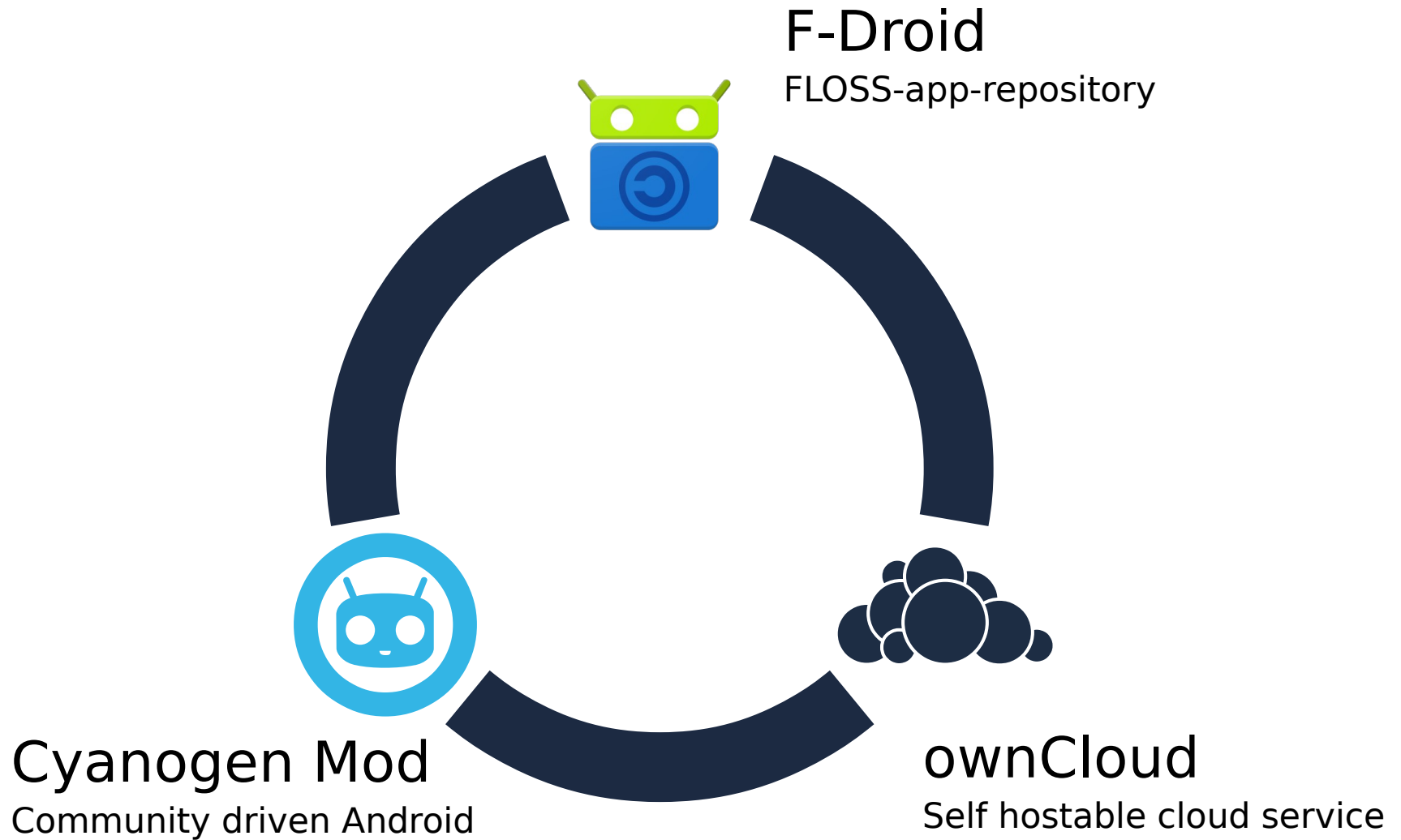
- 1. Background**
- 2. How it Works**
- 3. The Future**
- 4. How can I Help**
- 5. Q & A**



Background



Google free Android



Google free Android



Raccoon
PlayStore client

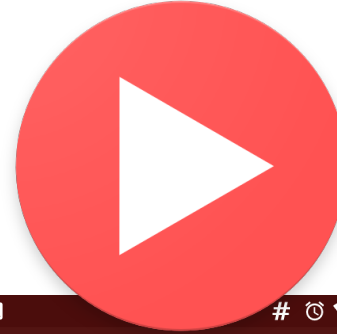
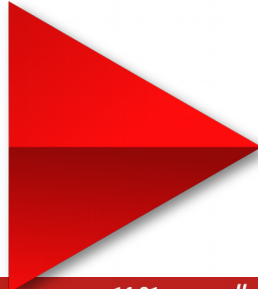


microG
Play-Services replacement



NewPipe
Youtube client

NewPipe



The screenshot displays the NewPipe application interface. At the top, there's a status bar with the time 16:31 and various system icons. Below that, the application header shows the 'Chimperator Channel' logo and name. The main content area is split into two columns. The left column features a list of video thumbnails with titles like 'SAM - Wach auf (Official Video)', 'Teesy - Wünschdirwas Tour Teaser (ft. Lot)', and 'Maeckes - Festival Blog Teil 3 Splash Festival'. The right column shows a video player for 'Die Orsons - Papa Willi und der Zeitgeist (Official Version)' with a large 'ZEITGEIST' watermark. A download menu is open over the video player, showing options for 'Herunterladen' (Download), 'Dateiname' (Filename) set to '257ers_Holz_Official_HD_Vid', and 'Threads' set to 3. The bottom of the screen shows a navigation bar with standard Android icons.

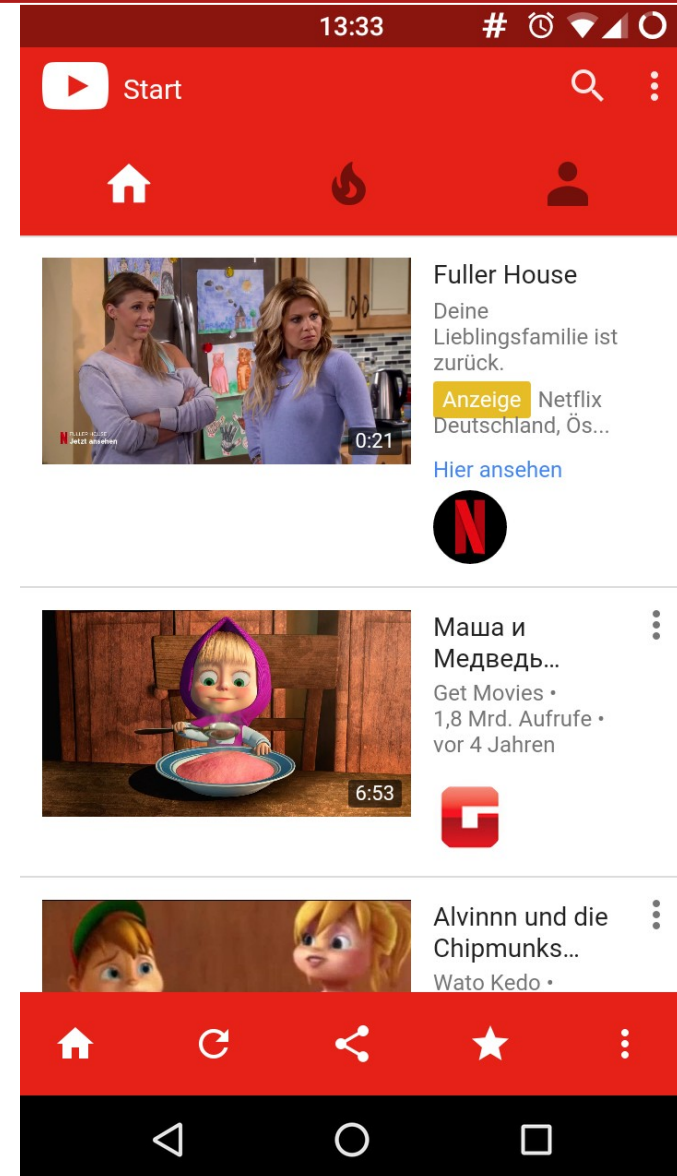
YouTube Alternatives

YouTube alternatives



WebTube

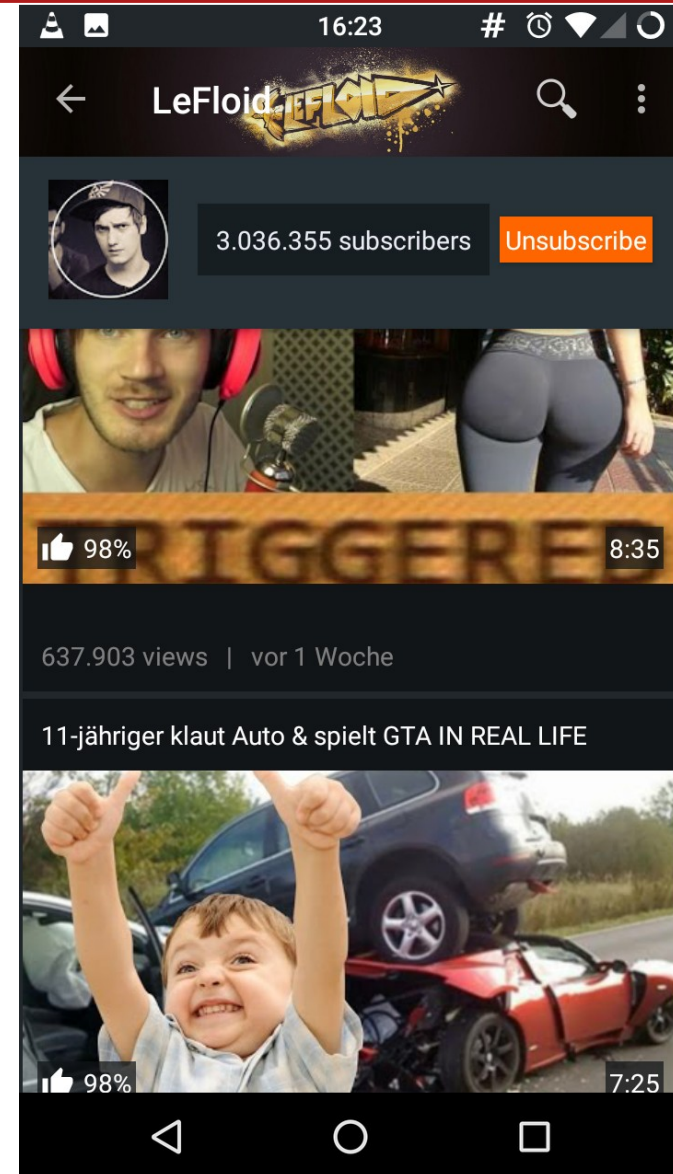
- Website Wrapper
- Full functionality of the Youtube website
- Extra functions for imitating NewPipe
- Download via keepvid.com
- Watch in background/audio only



YouTube alternatives



- REST app
- Rich functionality
- Restricted to Google AGB
- Support for commends



YouTube alternatives

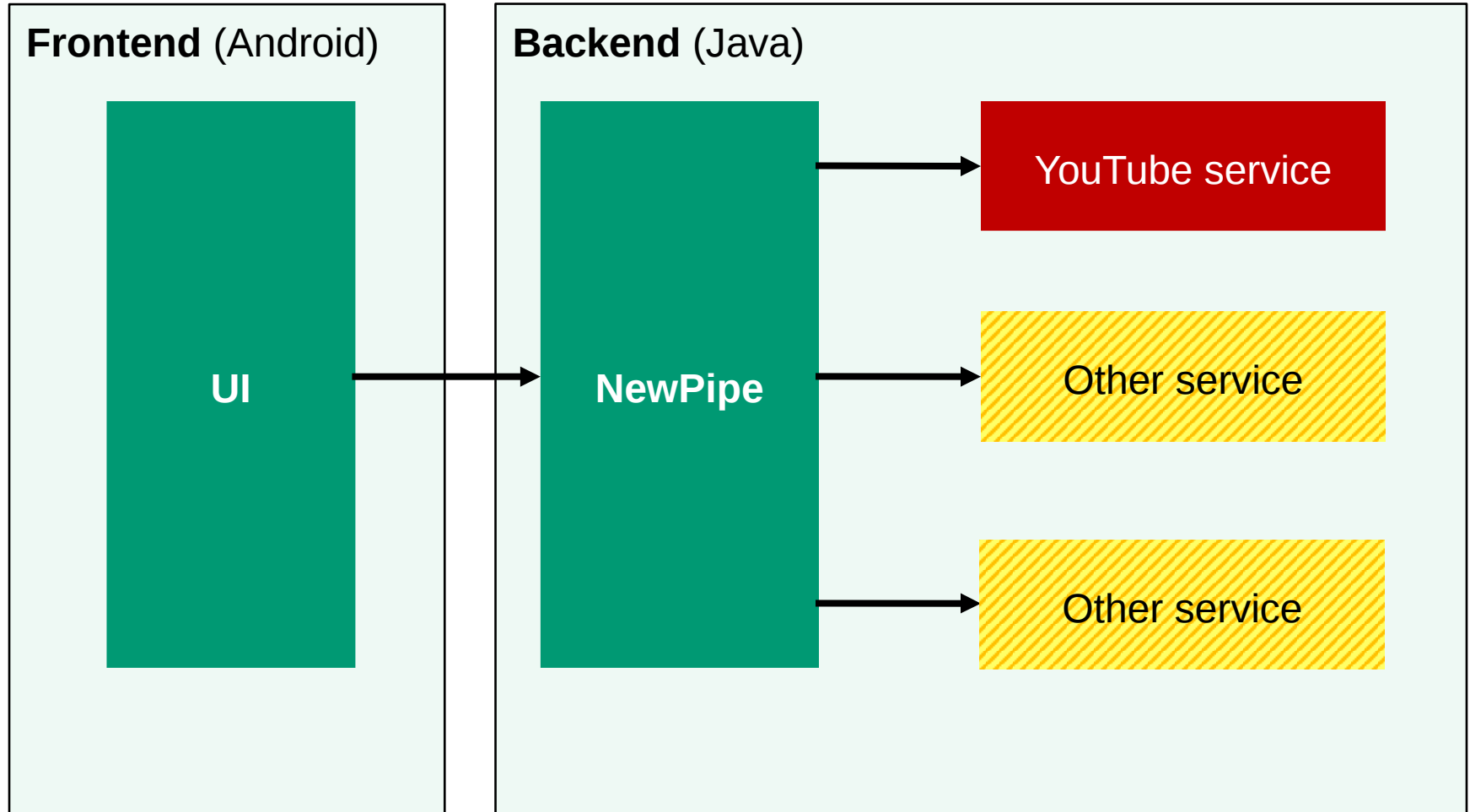


- Website crawler
- Not restricted to Google AGB
- Download Video/Audio
- Stream audio only
- No adds
- Not feature complete
- Unsteable

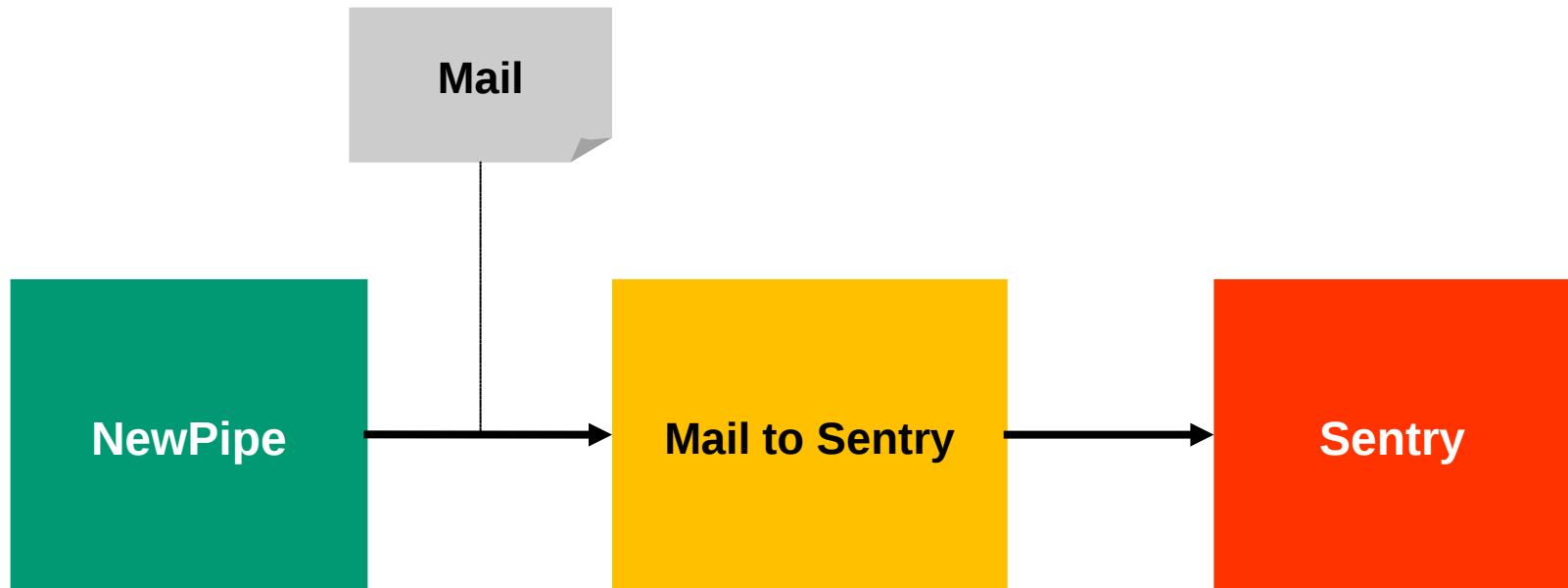


How it Works

General Architecture



Bugreport Architecture





Unresolved Issues ▾

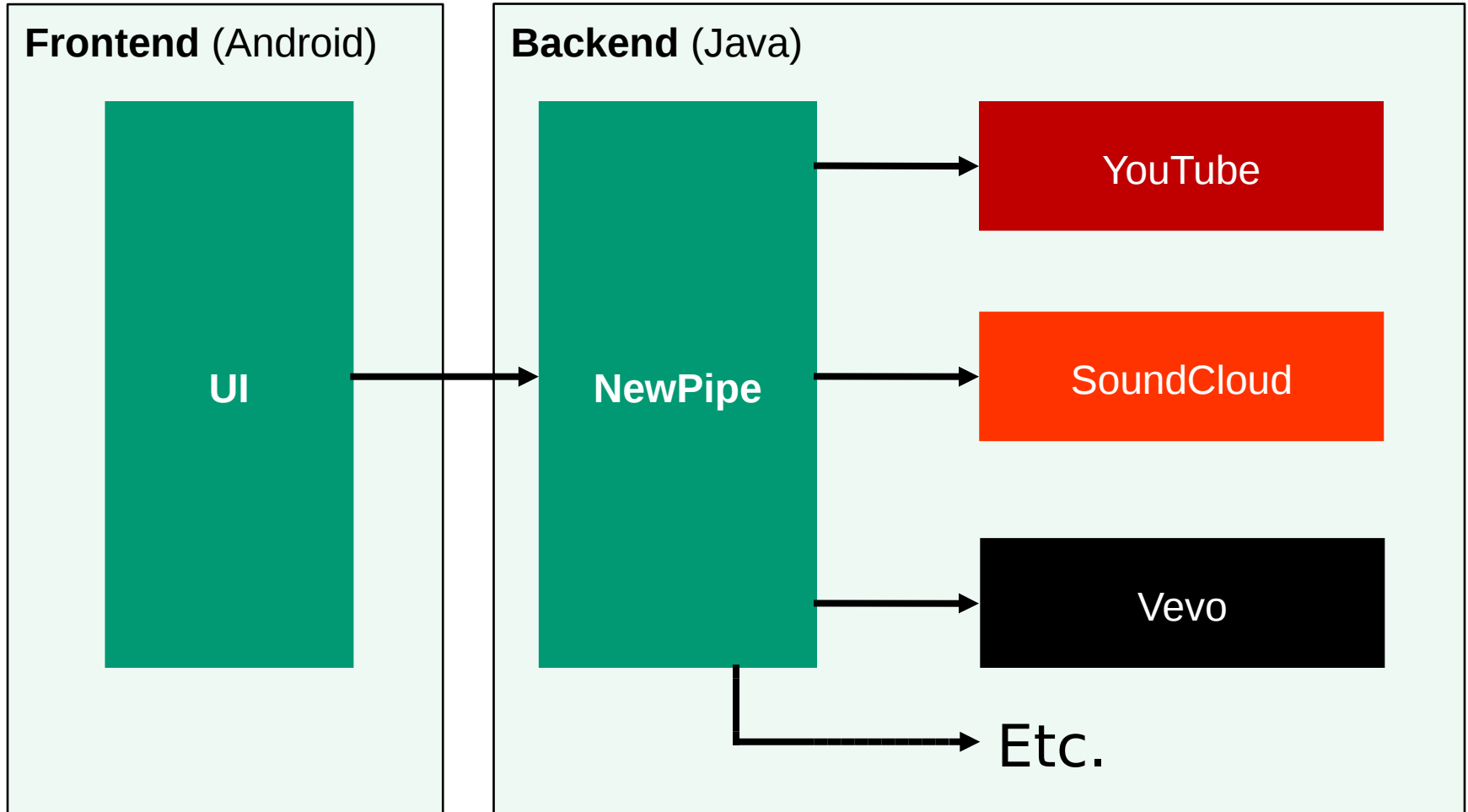
Sort by: Last Seen ▾ 🔍 is:unresolved ⌵ ⇄

			GRAPH:	24H	14D	EVENTS	USERS
<input type="checkbox"/>	<input type="checkbox"/> ✓ ★ ⋮ ▶						
Error	java.lang.NullPointerException Thread.java in run ⌚ a day ago – 4 months old		-----			432	0
Error	com.nadatec.videodown.extractor.ParsingException: Could not get next video YoutubeStreamExtractor.java in getRelatedVideos ⌚ 2 days ago – 4 months old		-----			169	0
Error	<unlabeled event> ⌚ 2 days ago – 5 months old		-----			1.8k	0
Error	com.nadatec.videodown.extractor.Parser\$RegexException: failed to find pattern "[?&]v=([... Thread.java in run ⌚ 2 days ago – a month old		-----			106	0
Error	java.lang.NullPointerException dalvik.system.NativeStart in main ⌚ 2 days ago – a month old		-----			43	0
Error	com.mosdev.tubemp3.extractor.Parser\$RegexException: failed to find pattern "[?&]v=(\[-... Thread.java in run		-----			32	0

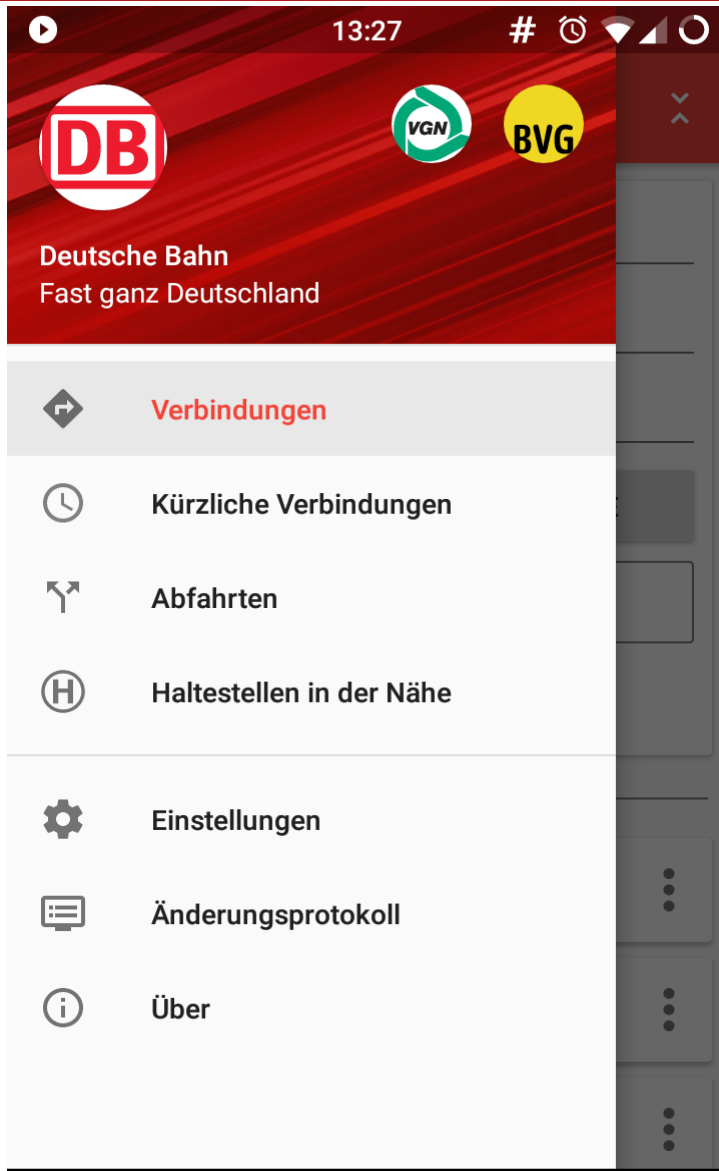
Future Goals



Multiple Services

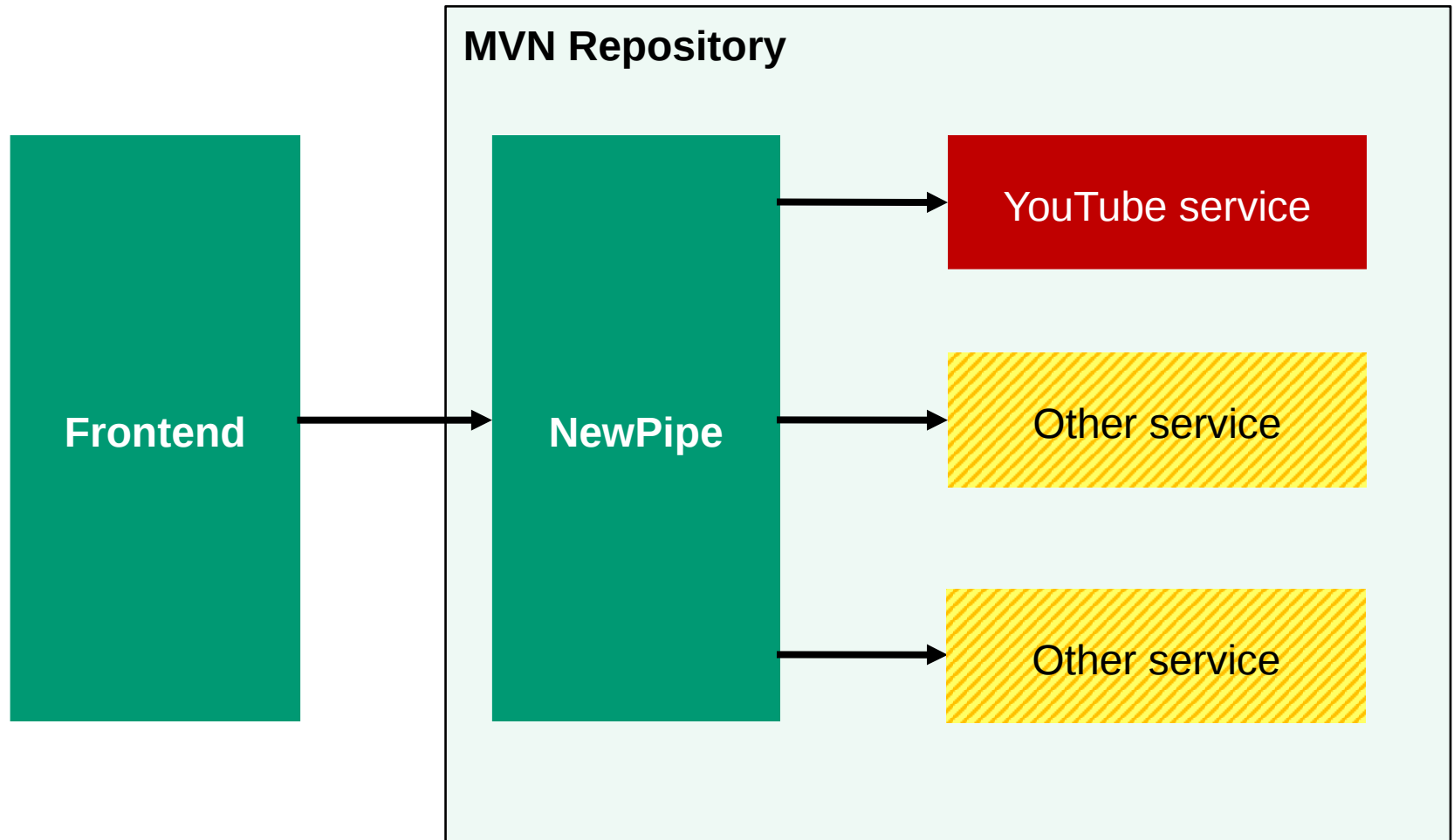


Multiple Services

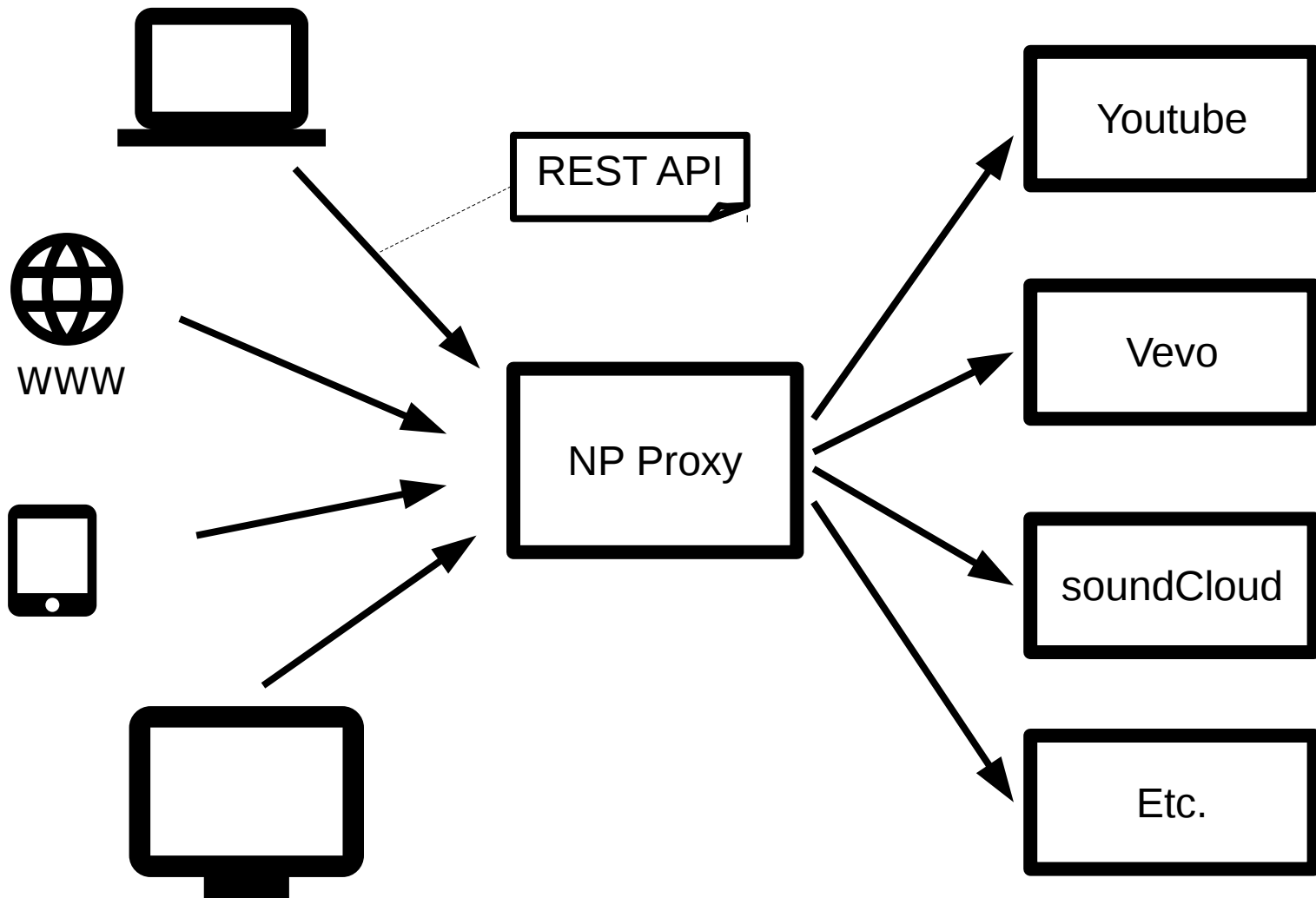


- **Transportr app as an example**
- **Supports multiple services**
- **Switch between services**

NP Framework



NewPipe Proxy



How You can Help

- 1. Translate using Weblate**
- 2. Bug hunting Sentry**
- 3. Improve NewPipe**
- 4. Experiment with NewPipe**
- 5. Q & A**



Summary

- **Get NewPipe via F-Droid**
- **Help improving NewPipe**
- **Experiment with NewPipe**

THANK YOU FOR YOUR ATTENTION !



Acknowledgement:

Great thanks to **Bernát Földesi** for creating the design, and CI of NewPipe.

Another great thanks to **The Assasine** for hosting and maintaining the support backend

Also of course a great thanks to the **community** that continuously contributes ;)

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