Building bridges between islands of communication

Matrix defragments ALLTHE THINGS

via a standard HTTP API

Matrix Architecture

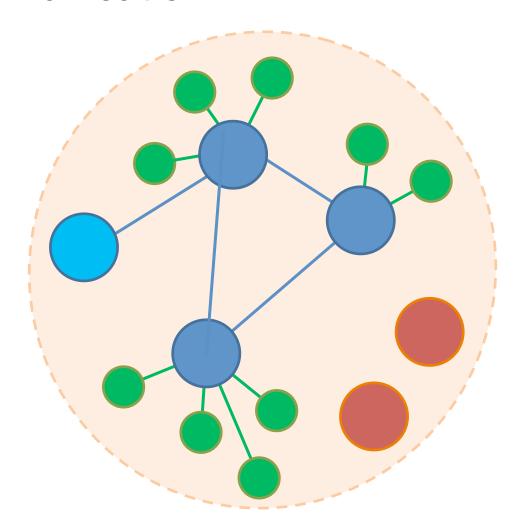
Decentralised Communication







Identity Servers



The Matrix Ecosystem

Matrix iOS Console

Matrix Web Console

Android Console

OpenWebRTC

MatrixKit

matrix-ios-sdk

matrixangular-sdk

matrix-jssdk

matrixandroid-sdk **Other Clients**

The Matrix Specification (Client/Server API)

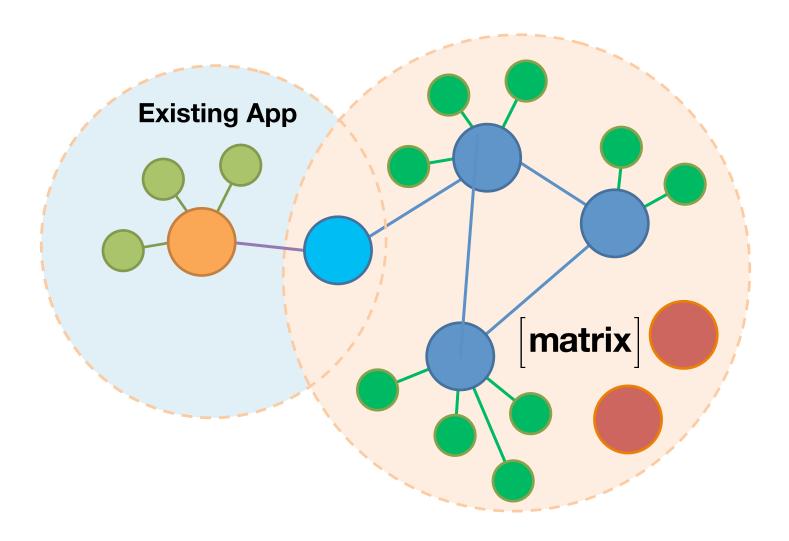
Synapse (Reference Matrix Server)

Matrix Application Services

Other Servers and Services

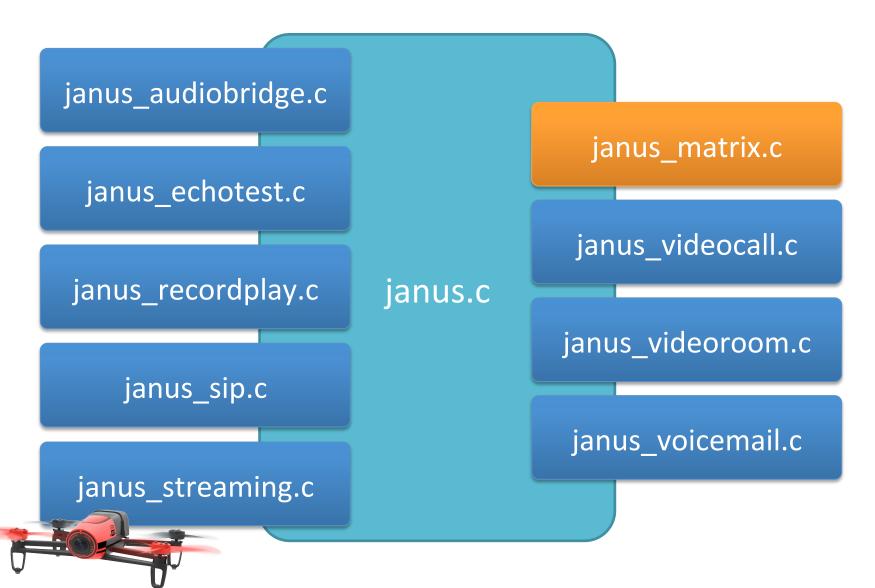
server-side

Matrix Bridging



Today's Demo! Web Matrix example client (Firefox) synapse (on laptop) **iOS Matrix Parrot Bebop** example client **Drone** (OpenWebRTC) synapse (on laptop **Janus WebRTC Gateway** (from MeetEcho)

Janus Architecture



https://github.com/matrix-org/janus-gateway/tree/ardrone3

Thank you!

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