

ConceptDesign for Empathic Engine

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Abstract

this document collects the requiremnts of Empathic engine

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1 Introduction

Empathy is sharing what you see, what you hear and what you feel.

2 Framework

2.1 Server

wampserver is a simple Web server and can be used to provide Mysql database, Apache web server and PhP interpreter.

EmpathicEngine is a socket based server.

share information

2.2 Client

AgentClient, AngentFactory Robot/invisible Agent

other types of clients controlled by human

2.3 Content render

2.4 Database

3 Functions

3.1 Share Information

- 1) share gameobject's position, rotation and scale
- 2) share video stream among MR clients
- 3) share voice or vocal clips

Emojii pictures

music/voice clips

code controlled animation

AI networks

models and materials