

Mind Map PIM

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Overview

1 Concept

- Overview
- What it is not

2 Software Architecture

- Overview
- Requirements
- Design
- Persistence
- Interface

Project Overview

The Mind Map PIM is a system that pulls different social media platforms together and only displays information relevant to you at the current moment in your life in the form of a dynamic mind map.

What it is not

The Mind Map PIM is not a new social media platform. Rather it acts as a filter for current your current social media platforms. It uses intelligent algorithms to determine what information you would most likely want to see.

Software Architecture Overview

We will be using a layered system architecture to implement the system. This will allow us to better achieve:

- modularity
- flexibility
- scalability
- access limitation

Software Architecture Requirements

Software Architecture Design

Software Architecture Persistence

For persistence we will be using MongoDB. This choice was made on the fact that it will integrate better with our OO system and also the fact that services like Mind Map PIM has the potential to attract many users. Benefits include:

- high write loads
- good for Big Data scenarios
- highly scalable
- document orientated storage

Software Architecture Interface

The system will be accessed via a web interface and an Android app. The mind map will be presented in a fashion similar to the way that musicroamer.com displays related music artists (see next slide).

- At the center is the root node.
- Each social media platform has a node going out from the root node.
- Relevant information is displayed about each platform.
- User can expand any node to find relevant information about that node.

Software Architecture Interface

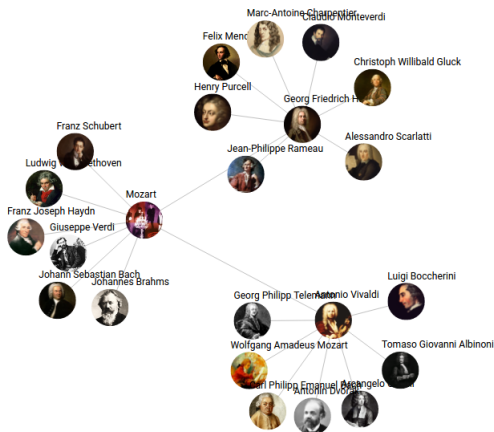


Figure : Music Roamer layout of a music mind map

The End