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# Proto Buffer

Document share application

[Github.com/sphinxs](https://github.com/sphinxs)

# Summary

- Title
- Theme
- Scope
- Programming language, editor, platform, database and GUI
- Motivation
- Screens
- Model
- Classes

- Protocol Buffer
- Google
- 2001

# Proto Buffer

# Theme

Document share

- Books
- Comics
- Mangas
- Magazines

# Scope

Secure and free

- Content, scraper and crawler
- P2P (no cache, no logs and encrypted)

# Programming language, editor, platform, database and GUI

Programming language

Multiple paradigms, multiple frameworks, fast and efficient development

# Programming language, editor, platform, database and GUI

Editor

Multiple extensions that enables a complete development environment

# Programming language, editor, platform, database and GUI

## Platform

Linux is a system widely adopted by developers and has a concise base to development, if compared to other systems



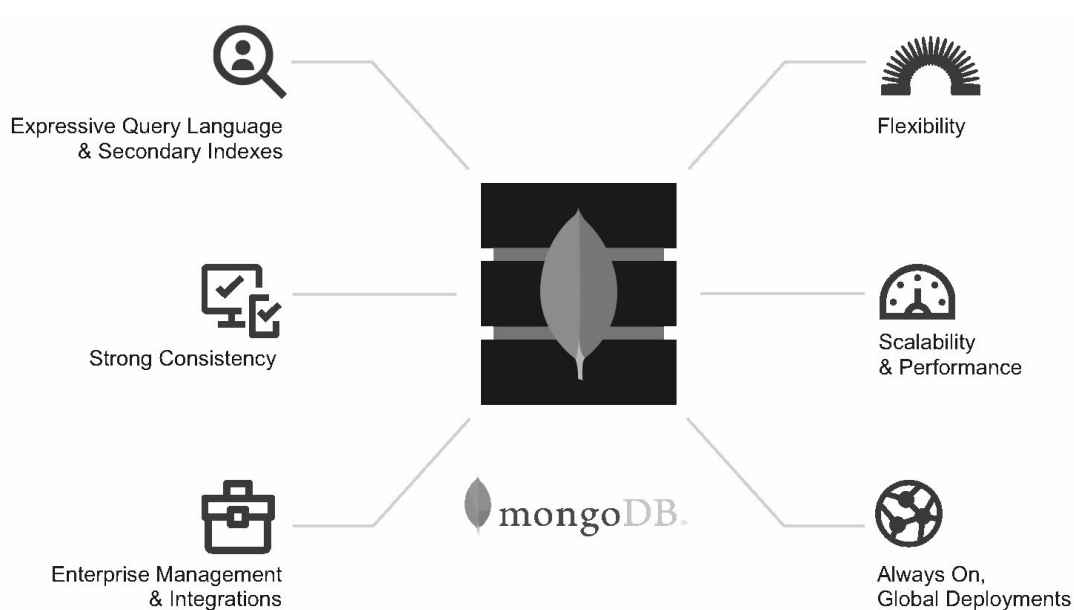
# Programming language, editor, platform, database and GUI

## Database

Mongo DB, document oriented database. Flexible and has modern drivers to connect to

# Programming language, editor, platform, database and GUI

## Database



# Programming language, editor, platform, database and GUI

GUI

QT, Nuklear, Imgui and Nana

# Motivation

From an Anarcho-capitalism perspective, the intellectual property doesn't exist, because intellectual property is not scarce. One person can read a PDF file at the same time that another person reads the same PDF file, but a person can't use a physical object at the same time that another person, because this goes against the physics laws.

# Motivation

The state architecture monopolizes all the things with autoral rights and patents, but this doesn't cause the success of authors. Their hard work and value perception of the market by its consumers is what truly gives 'value' to the product and return profit to the authors.

# Motivation

An user can download every existent TV show via Torrent, but the majority people choose to pay for services like Netflix, HBO GO, Hulu, Amazon Prime, etc; because they see the practicality in these services. The same goes to the Kindle, Google Books, Packt, Humble Bundle and other book services. If no one pays for the books of an author, this author probably will not have the incentive to produce more books, but its previous productions probably do not have a visible or truly value, once no one wants to contribute to.

# Motivation

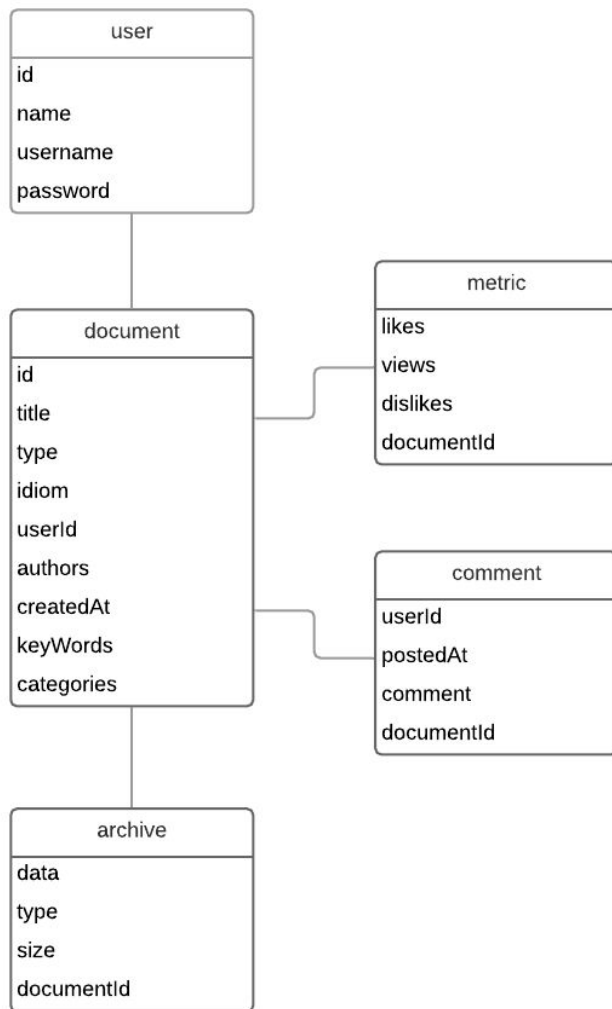
Some platforms like Passei Direto and Scribd, enables users to share documents, but these platforms remove the download option and restring the read of the content sent by other users if a payment is not realized. To go against this this platforms its proposed.

# Screens

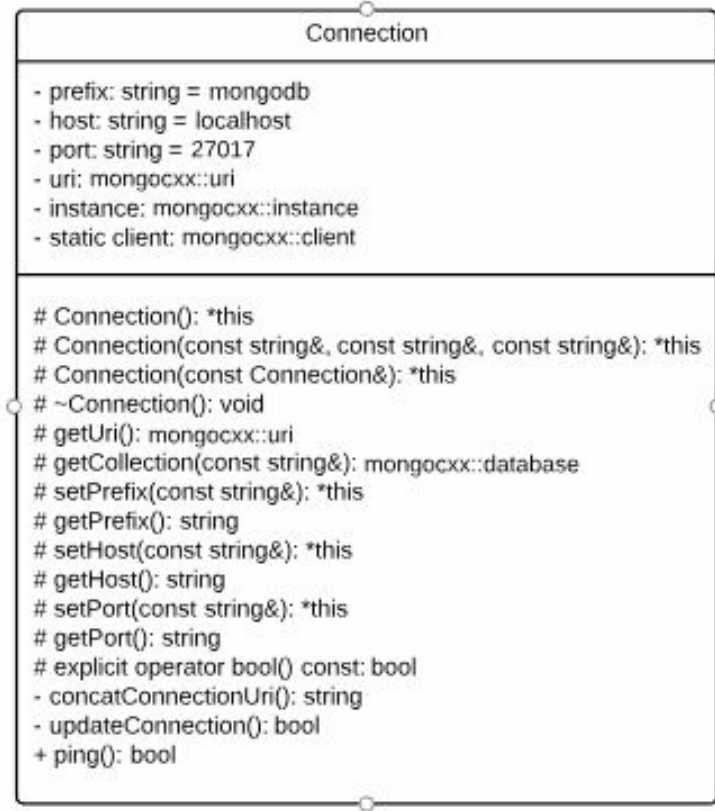
- Welcome
- User registration
- User login
- User profile update
- Document upload
- User document list
- Document search
- Document view
- Document update



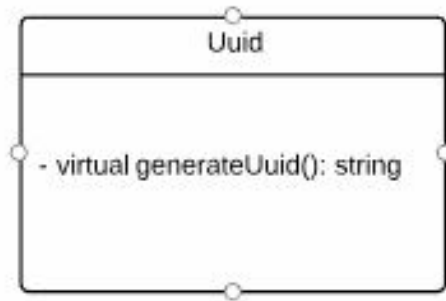
# Model



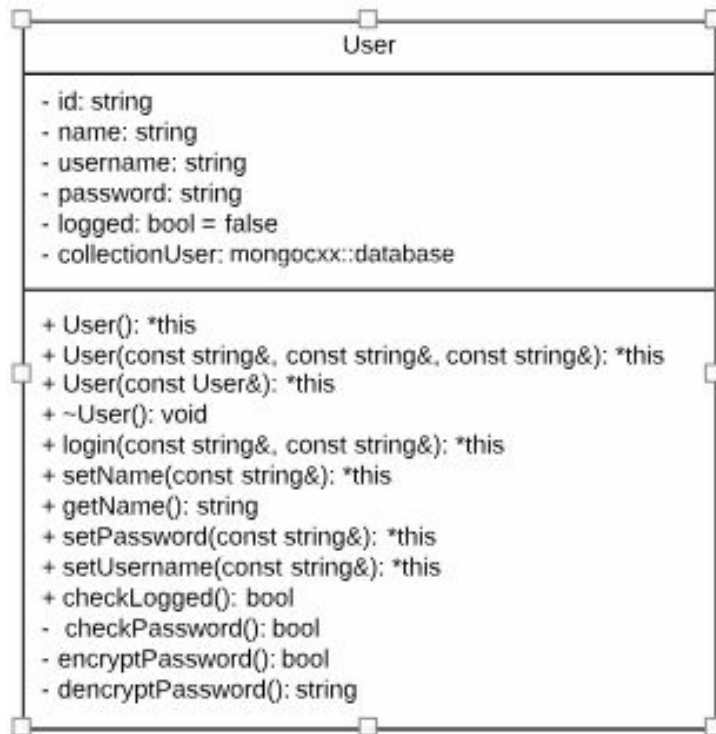
# Classes



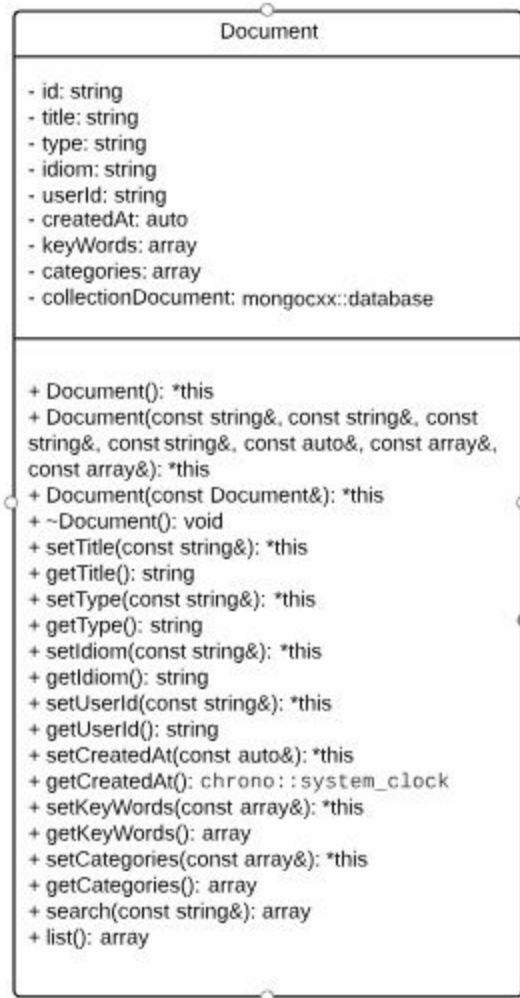
# Classes



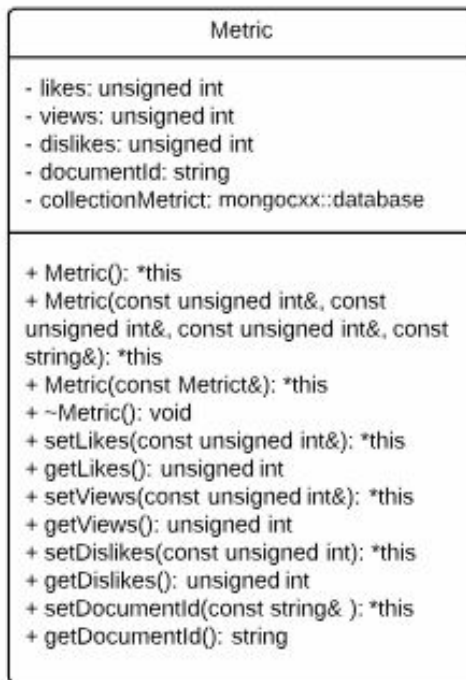
# Classes



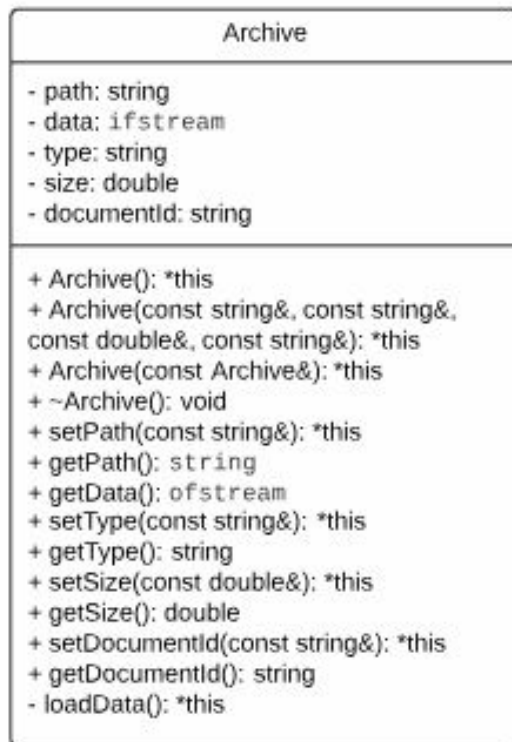
# Classes



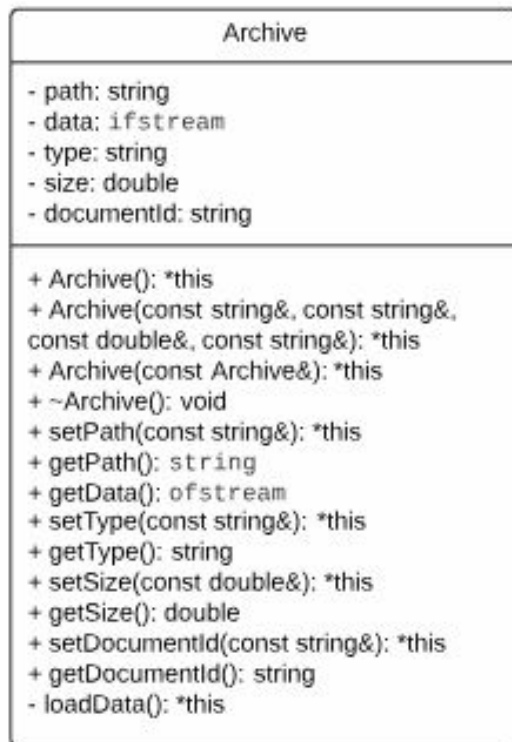
# Classes



# Classes

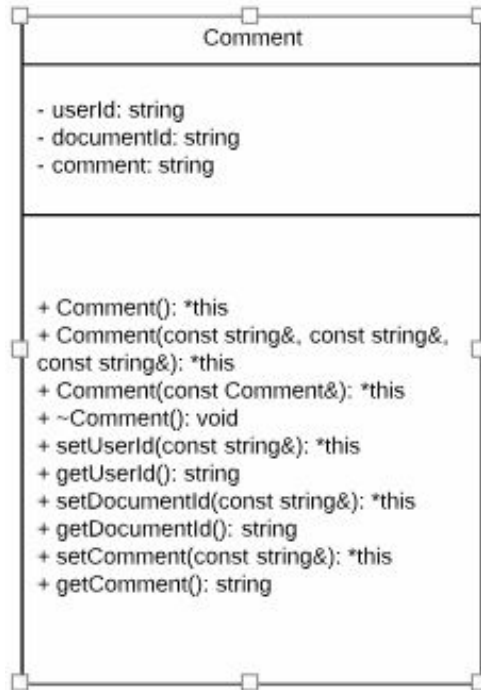


# Classes

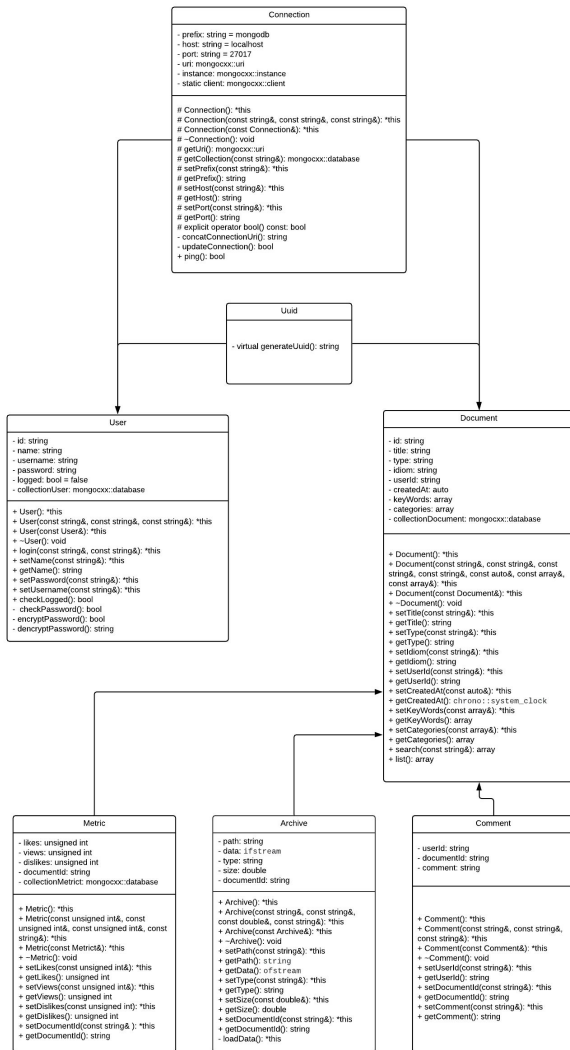




# Classes



# Classes





# Gabe Newell

The easiest way to stop piracy is not by putting antipiracy technology to work. It's by giving those people a service that's better than what they're receiving from the pirates.

Thanks

# References

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