ATN

Filters

- [ ] Computer vision
- [ ] Finance
- [ ] data

- [ ] voice recognition
- [ ] tracking AI
- [ ] Security

- [ ] optimization
- [ ] robotics
- [ ] AI type

search Dbot | OK

	Dbot Name	Reputation	Query(24h)	Pool Value
	Dbot1 Description of Dbot 1			
	Dbot1 Description of Dbot 1			
	Dbot1 Description of Dbot 1			
	Dbot1 Description of Dbot 1			
	Dbot1 Description of Dbot 1			
	Dbot1 Description of Dbot 1			
	Dbot1 Description of Dbot 1			
	Dbot1 Description of Dbot 1			
	Dbot1 Description of Dbot 1			
	Dbot1 Description of Dbot 1			

landing page is also page which list the different API Dbot

page structure is very simple,

1) a navigation bar stick on top with ATN logo and a login button
2) a list of filters (somehow we will need to classify the API according to filters)
3) a search DBot input which can find a dbot according to DBot Id, or keyword
4) A table of Dbot with some fast accessible information such as reputation, number of queries, DBot total pool value. This is not an exhaustive list
All Dbot are clickable and will redirect to the dbot detail page.
5) A simple pagination at the bottom

Overall, this is a minimum design which should be user friendly, again this is only a draft and it will need to be improved

ATN

Filters

- ☐ Computer vision
- ☐ voice recognition
- ☐ optimization
- ☐ Finance
- ☐ tracking AI
- ☐ robotics
- ☐ data
- ☐ Security
- ☐ AI type

search dbot

OK

	Dbot Name	Reputation	Query(24h)	Pool Value
	Dbot1 Description of Dbot 1			
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	Dbot1 Description of Dbot 1			
	Dbot1 Description of Dbot 1			
	Dbot1 Description of Dbot 1			

Landing page connected mode

Same descruption as the previous page but connected

How to connect:
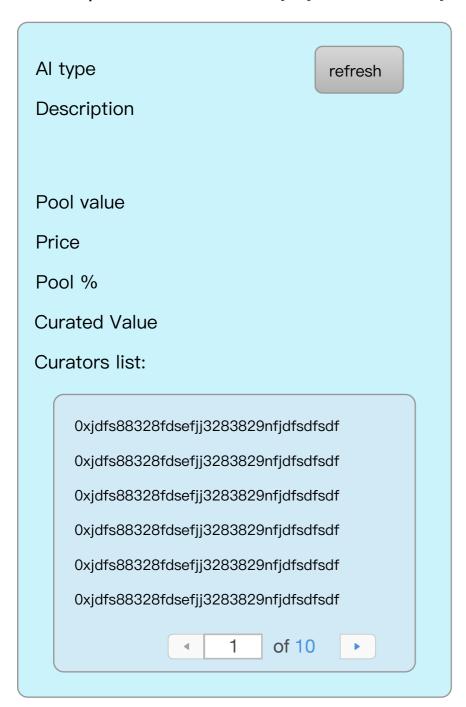
We can support different way to login in the system,

1) Using private key (not really secure)
2) Using ATN wallet (metamask like)
3) Using hardware wallet such as ledger or trezor
(more details can be found on the wiki of AI market plan)

Once connected, there is the possibility:

1) to change wallet,
2) to sign out

ATN

Dbot profile : 0x129fhsdjfbj123123u123bj

Server metrics

AI type   refresh

Description

Pool value

Price

Pool %

Curated Value

Curators list:

> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> ◄   [1]   of 10   ►

Uptime   refresh

Speed

Ping

Server location

CPU charge

Waiting request

	Developer

1 Instruction:

Download ATN_state_lib package.

Use the Node.js lib to create open a state channel between your account @1 and this AI Dbot @2. Using state channel, it will be a pay–per–use billing strategy, everytime you need to query the API you will pay the fee (instant transaction, almost no transaction fee) and then the AI Dbot will return the result.

Other intructions…

Code example…

DBot detail page

I) Dbot profile

This section has:
1) field describing the type of AI, the description
2) Pool value (value store on the blockchain)
3) Price for the service (stable coin strategie)
 (if we decide to have a layer DBot incentive)
4) Fee reversed to the pool
5) total number of ATN curated
6) a list of addresses which curated the pool and the number of ATN

REFRESH BUTTON
Send a request to the DBot server to get the latest data

2) Dbot API server metrix

Different metrics of the server, it's important information to see
how good is the service, if the service is up and running. Each Dbot
should have an API that can be accessed to know it status.
So this information will directly come from the Dbot itself.
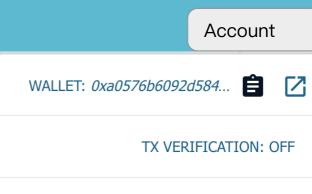REFRESH BUTTON
Send a request to the DBot server to get the latest DBot status
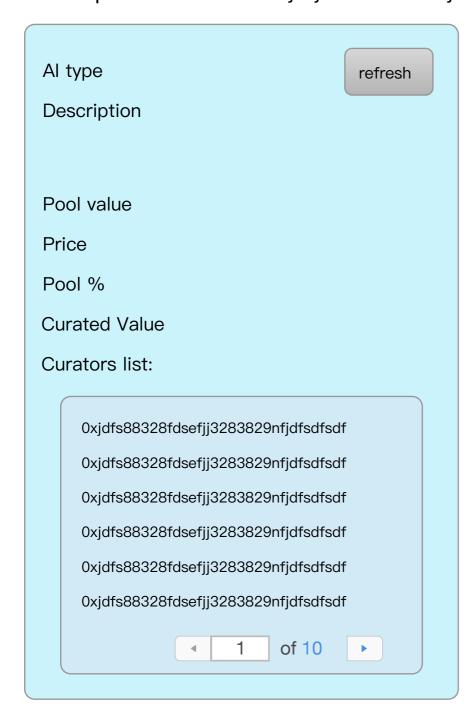
3) How to access the API

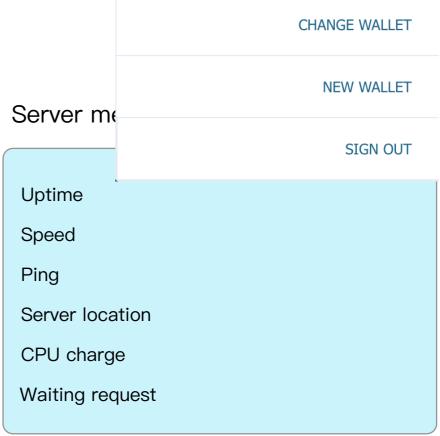We will provide a detailed way for user to access this API using our
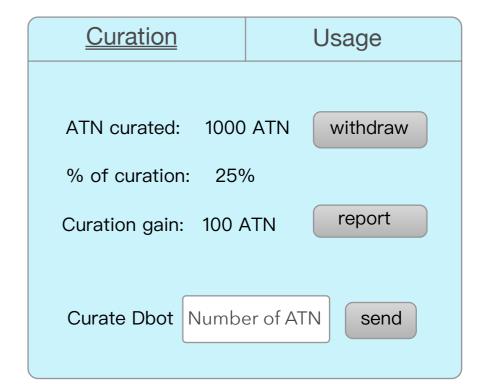ATN library.
How to open a state channel and so on.

ATN

Dbot profile : 0x129fhsdjfbj123123u123bj

AI type   refresh

Description

Pool value

Price

Pool %

Curated Value

Curators list:

> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> ◄   1   of 10   ►

Server me

Uptime

Speed

Ping

Server location

CPU charge

Waiting request

Curation	Usage

ATN curated: 1000 ATN   withdraw

% of curation: 25%

Curation gain: 100 ATN   report

Curate Dbot   [Number of ATN]   send

On−site proxy	

Callback URL

AI params

Pay

Expected AI params format
json exemple

DBot detail page connected

I) Dbot profile

same

2) Dbot API server metrix

same

2) Curation section

1) allow you to withdraw the ATN you curated
2) show your percentage of curation for the Dbot
3) display the number of ATN you gained so far with posibility to go to a detail page.
4) posibilite to send ATN to the Dbot contract to increase your curation number
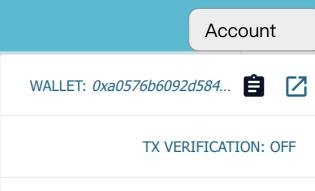
3) How to access the API

If you are connected you can directly use the AI service using our AI market as a proxy.
If you need to receive the result on your application you can provide a URL callback, if not you can leave it empty and the result will appear on the white rectangle.
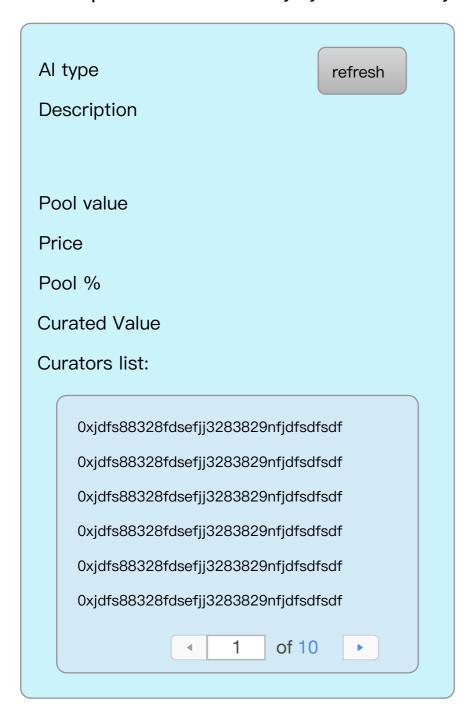In order to use the proxy, you will need to provide all the required parameter, in this first draft it will be a json format.
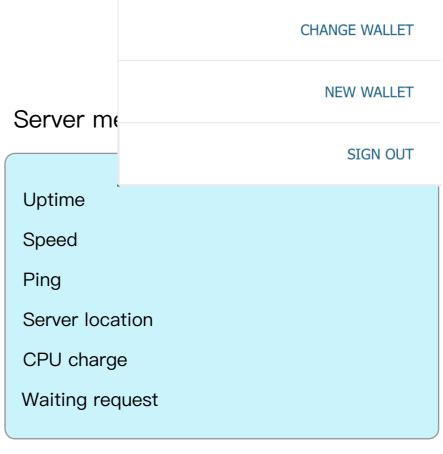Then the button pay will activate your ATN wallet and you will need to send the money to the Dbot.

ATN

WALLET: *0xa0576b6092d584...*

TX VERIFICATION: OFF

CHANGE WALLET

NEW WALLET

SIGN OUT

Dbot profile : 0x129fhsdjfbj123123u123bj

AI type   refresh

Description

Pool value

Price

Pool %

Curated Value

Curators list:

> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
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> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> 0xjdfs88328fdsefjj3283829nfjdfsdfsdf
>
> ◄   1   of 10   ►

Server me

Uptime

Speed

Ping

Server location

CPU charge

Waiting request

Curation	Usage
All the time API use:	12403
Last month usage :	2030
	Full report xlsx

State channel

atn address

block number

status   open   close

Callback URL

AI params

Use

Expected AI params format
json exemple

DBot detail page connected

I) Dbot profile

same

2) Dbot API server metrix

same

2) API Usage section

1) get some statistic our your total usage for this API
2) get details report regarding the AI participation
(all these data is from the DBot server itself, it has an interface
to directly get these information, on the Dbot itself information are
store in the Dbot database.)

3) How to access the API

Last way to interact is to open a state–channel proxy with the AI market
Once the state channel is open you can call the AI any time you want.
You can topup, close, and get information about it.
Once the state channel is open you "should be able" to use it directly with the ATN lib
by providing its ID.

ATN

Dbot profile : 0x129fhsdjfbj123123u123bj

ATN Curated 1000 ATN

History of curation

History of payment

Action type: curate	300 ATN
Date 14/06/2018 2.02pm	TxId: 0xa7261f7d2cb3146440…

Action type: curate	700 ATN
Date 01/06/2018 2.02pm	TxId: 0xa7261f7d2cb3146440…

PaymentId : 3284293490	20 ATN
from 01/06/2018 to 14/06/2018	

◄ 1 of 1 ►

◄ 1 of 1 ►

DBot detail page curation history

1) History of curation

This section show the detailed history of curation and withdraw of ATN token to the Dbot

2) History of Payment

This section show the detailed history of the pool payment to the curator.

It's important to understand that the curation of Dbot has a crucial role to help finding nice AI API. It confers ATN holder the power to highlight good API to AI consumers. This is a utility role in the ecosystem.

ATN

LOGO

Dbot profile : 0x129fhsdjfbj123123u123bj

1237123
Developers

created: July 2018   Tag: computer vision, image recognition

API description here. API description here. API description here. API description here.
API description here.API description here.API description here.
API description here.

DBOT Documentation	DBOT statistics

POST endpoint

Login

ATN

DBot detail page

I) Dbot profile

This section has:
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2) Pool value (value store on the blockchain)
3) Price for the service (stable coin strategie)
 (if we decide to have a layer DBot incentive)
4) Fee reversed to the pool
5) total number of ATN curated
6) a list of addresses which curated the pool and the number of ATN

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Send a request to the DBot server to get the latest data

2) Dbot API server metrix

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how good is the service, if the service is up and running. Each Dbot
should have an API that can be accessed to know it status.
So this information will directly come from the Dbot itself.
REFRESH BUTTON
Send a request to the DBot server to get the latest DBot status

3) How to access the API

We will provide a detailed way for user to access this API using our
ATN library.
How to open a state channel and so on.

ATN

LOGO

Dbot profile : 0x129fhsdjfbj123123u123bj

created: July 2018   Tag: computer vision, image recognition

1237123
Developers

API description here. API description here. API description here. API description here.
API description here.API description here.API description here.
API description here.

DBOT Documentation	DBOT statistics

POST endpoint

Callback URL

Required parameters

AI params

DBot detail page

I) Dbot profile

This section has:
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2) Pool value (value store on the blockchain)
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 (if we decide to have a layer DBot incentive)
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3) How to access the API

We will provide a detailed way for user to access this API using our
ATN library.
How to open a state channel and so on.

ATN

account

LOGO

Dbot profile : 0x129fhsdjfbj123123u123bj

created: July 2018   Tag: computer vision, image recognition

1237123
Developers

API description here. API description here. API description here. API description here.
API description here.API description here.API description here.
API description here.

DBOT Documentation	DBOT statistics

Pool value

Price

Pool %

Curated Value

Curators list:

ATN curated: 1000 ATN   withdraw

Curation gain: 100 ATN   report

Curate Dbot   Number of ATN   send

0xjdfs88328fdsefjj3283829nfjdfsdfsdf
0xjdfs88328fdsefjj3283829nfjdfsdfsdf
0xjdfs88328fdsefjj3283829nfjdfsdfsdf
0xjdfs88328fdsefjj3283829nfjdfsdfsdf
0xjdfs88328fdsefjj3283829nfjdfsdfsdf
0xjdfs88328fdsefjj3283829nfjdfsdfsdf

◄   1   of 10   ►

ATN

Status of your ATN Address in ATN

0x8166d38Bcb7a284f0D934954D4422aA72D38d050   search

State channel status

This page is a simple form where you can see your state channel.

ATN

Status of your ATN Address in ATN

0x8166d38Bcb7a284f0D934954D4422aA72D38d050   search

result for 0x8166d38Bcb7a284f0D934954D4422aA72D38d050

DBot 1

channel: open
number of ATN: 100 ATN

DBot 2

channel: open
number of ATN: 100 ATN

DBot 3

channel: open
number of ATN: 100 ATN

◄ 1 of 10 ►

State channel status

You get a list of your opened state channel with the quantity of ATN they have
Each one is clickable and you can see the details when you click.

ATN

Status of your ATN Address in ATN

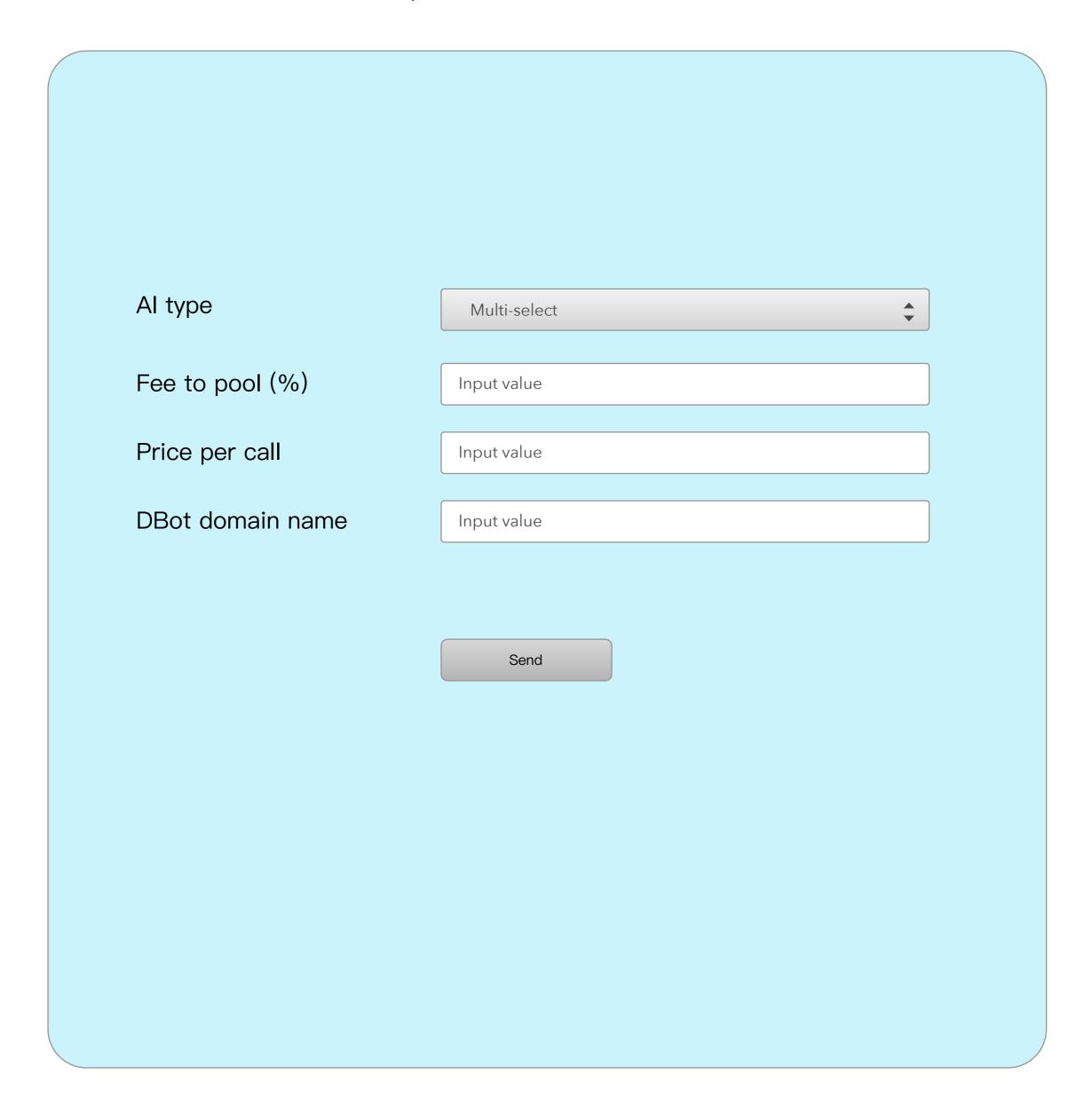0x8166d38Bcb7a284f0D934954D4422aA72D38d050   search

DBot 1 channel_id   200 ATN   status: open

Action type: withdraw   -300 ATN

Date 14/06/2018 2.02pm   TxId: 0xa7261f7d2cb31464408b00891462de249316da8d

Action type: top-up   +300 ATN

Date 13/06/2018 2.02pm   TxId: 0xa7261f7d2cb31464408b00891462de249316da8d

Action type: withdraw   -300 ATN

Date 07/06/2018 2.02pm   TxId: 0xa7261f7d2cb31464408b00891462de249316da8d

Action type: open   +500 ATN

Date 03/06/2018 2.02pm   TxId: 0xa7261f7d2cb31464408b00891462de249316da8d

◄   1   of 1   ►

State channel details Page

Her can can see the history of the state channel, when you opened it, when you topup and when the receiver withdrawed it.

ATN

Publish your API DBot in ATN blockchain

AI type   Multi-select ▲▼

Fee to pool (%)   Input value

Price per call   Input value

DBot domain name   Input value

Send

Publish a DBot page

This is a simple form to help user to publish a Dbot contract to ATN

Which parameters should be sent to the contract is something that need to be optimized.
I personally believe that most of the parameters should be accessible from the DBot server itself not from the smart contract.
Because this information should be updated smoothly for the API provider.

Add a Dbot in AI market

DBot address

Dbot address

Why should I add it?

Send

Add a Dbot to the market

In order to be accessible to the market, Dbot need to be manually register to the market.
This allow people to deploy some AI market with theme.
For exemple, one would be willing to deploy an AI market specialist in finance AI, Image recognition

ATN ADMIN

DBot registration pending request

Register Dbot

From:0xa7261f7d2cb31464408b00891462de249316da8d

refuse   accept

Register Dbot:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec tincidunt enim vitae augue tincidunt porttitor. In libero justo, elementum et fringilla vel, egestas vel sapien. Suspendisse id orci egestas, interdum est id, tristique purus. Duis fringilla velit non nisi blandit, nec tincidunt diam imperdiet. Sed imperdiet, turpis vitae vulputate viverra, urna libero laoreet lacus, non faucibus lectus dui ac sapien. Maecenas egestas erat et mi placerat hendrerit. Morbi lacinia in turpis sed condimentum.

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◄ 1 of 1 ►

Add a Dbot to the market

The admin of the AI market can decide to list new DBot in his market.
Any user can suggest a new Dbot.
It will be stored on the AI market database.

ATN ADMIN

Add a Dbot in AI market Admin

Dbot list file   Upload

DBot address   Dbot address

Send

Add a Dbot to the market

In order to be accessible to the market, Dbot need to be manually registered to the system.
This allow people to deploy some AI market with theme.
For exemple, one would be willing to deploy an AI market specialized in finance , Image recognition

ATN ADMIN

Login Page

Username | Username |

Password | Password |

Login Page

Admin can login and have access to the AI market parameters

ATN ADMIN

Admin area

Public market   yes ☑   no ☐

whitelisted address

0xjdfs88328fdsefjj3283829nfjdfsdfsdf   remove

0xjdfs88328fdsefjj3283829nfjdfsdfsdf   remove

0xjdfs88328fdsefjj3283829nfjdfsdfsdf   remove

Admin Area

If the market is not public, your address must be whitelisted before you are able to use services.

Sketch Wireframing Kit – v1.2 – Forms

This is a collection of symbols for quickly mocking up web applications, created by your friends at Bohemian Coding and released under the MIT license.

Form Elements

Text area content

Input value

Placeholder

Select Option ⬍

◉ Radio Label
○ Radio Label
○ Radio Label

☑ Checkbox Label
☐ Checkbox Label
☐ Checkbox Label

OK   Cancel

Form Elements (Disabled)

Text area content (Disabled)

Input value (Disabled)

Input value (Disabled)

Select Option ⬍

◉ Radio Label
○ Radio Label
○ Radio Label

☑ Checkbox Label
☐ Checkbox Label
☐ Checkbox Label

Button Label   Cancel

Form Elements with Focus

Text area content

Input Value

Validation Errors

Text area content

Input Value

Sketch Wireframing Kit – v1.2 – Typography

This is a collection of symbols for quickly mocking up web applications, created by your friends at Bohemian Coding and released under the MIT license.

h1 – This is a main title

h2 – This is a subtitle

h3 – This is a section title

h4 – This is a section subtitle

This an introduction text. It has a fixed size, and a custom line height, so you can experiment with it. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras dapibus vulputate diam eu pretium.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras dapibus vulputate diam eu pretium. Mauris elit orci, ultricies id fermentum vel, porta et eros. Vestibulum condimentum lectus in convallis feugiat. Sed vulputate fringilla felis. Aliquam ut arcu et dui feugiat scelerisque eu quis diam. Mauris placerat congue dui sit amet blandit. Phasellus condimentum libero vel velit auctor, sit amet tincidunt velit varius.

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Typography is the craft of endowing human language with a durable visual form.
— Robert Bringhurst

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras dapibus vulputate diam eu pretium. Mauris elit orci, ultricies id fermentum vel, porta et eros. Vestibulum condimentum lectus in convallis feugiat. Sed vulputate fringilla felis. Aliquam ut arcu et dui feugiat scelerisque eu quis diam. Mauris placerat congue dui sit amet blandit. Phasellus condimentum libero vel velit auctor, sit amet tincidunt velit varius.

Mauris lacinia porta faucibus. Fusce eu est ac eros vulputate mollis in ac felis. Aenean commodo scelerisque mi sed imperdiet. Donec at hendrerit nisi, eget vestibulum nisi. Sed sit amet magna luctus, facilisis erat quis, sagittis ligula. Aenean dignissim velit quis leo consequat ultricies. Proin quis pretium justo. Vestibulum at eros nisl. Fusce lobortis erat ante, eu cursus sapien molestie at. Pellentesque placerat ante diam, et euismod lacus dictum vel. Phasellus vitae sollicitudin mi.

In pulvinar eleifend convallis. Suspendisse elit erat, venenatis eget ullamcorper ut, laoreet iaculis nisl. Sed porta, felis id rhoncus aliquet, quam ipsum pellentesque metus, in sodales quam nunc vitae risus. Quisque in venenatis massa. Phasellus neque risus, ornare quis nisl ultricies, ullamcorper consectetur orci. Suspendisse rhoncus orci odio, id faucibus ipsum tincidunt nec. Ut eget ante sit amet justo volutpat convallis vitae et augue. Phasellus sagittis cursus fermentum. Curabitur tincidunt leo at convallis sodales. Proin posuere tempus iaculis. Cras non risus hendrerit, tempor diam in, congue nulla. Proin eu erat varius, luctus mauris sed, fermentum sem. Donec non sollicitudin diam, vel viverra tortor. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Sed ultricies porta orci, nec consectetur ipsum facilisis in.

Sed a consequat lacus. Sed quis tincidunt nisl. Pellentesque vehicula libero sit amet sem aliquam adipiscing. Praesent commodo faucibus vulputate. Aliquam aliquam dictum arcu id interdum. Aenean non mauris turpis. Vestibulum at mauris quis felis tempor dictum. Nullam iaculis metus at ullamcorper volutpat. Donec nec justo ac erat mattis pulvinar. In luctus non ligula id elementum. Cras viverra sit amet risus eget feugiat. Fusce pulvinar risus sit amet gravida lobortis. Praesent metus eros, vestibulum sed bibendum eu, pharetra et lorem. Sed eu nisl et nisi mollis semper.