



ABT

# NAVIGATE SMARTER & SAFER

Decentralised Browsing Web Services  
Protocol powered by ABT Token

WHITEPAPER v1.2

# A B S T R A C T

The purpose of this white paper is to introduce our Decentralized Web Services Protocol, focused on browsing users needs, to empower them with safer data privacy and navigation protection options, better browsing management tools and display options, and wider payments facilities including a decentralized subscription mode of payment. Powered by our Advanced Browsing Token (ABT), our protocol is aim to be intuitive and easy to implement by any browser, website or app, wishing to join our eco-system through the ABT framework for developers and provide safer and smarter browsing environment to its users through the use of our token. The decentralized web services protocol is derived from a disruptive browsing patent pending technology that has been developed during the past three years and currently being used in the Addap's browser. We further expose the Protocol Framework, ABT features, ABT eco-system and economic model, our company team and advisors, our Token Sale, the use of proceeds and our roadmap for software and business development.

# T E C H N O L O G Y

For the past 20 years, Internet transforms our everyday lives, impacting the way we think, act and communicate. While quality, speed and accessibility are constantly improving; the way we navigate and use Internet is still based on the 90's Netscape concept, displaying and consuming web objects successively.

Focusing on users browsing needs, our browsing technology allows to display and manage navigation in groups of web-objects, all instantly and simultaneously active and visible. Each object operates as an independent browsing zone and all form a dynamic personalized board. Users may instantly navigate between Boards, save and share them through social networks.

Our ABT Protocol is designed to be intuitive and easy to implement (plug & play) by any browser, website or app in the following fields:

- 01 –** Secured Digital Identity and Login.
- 02 –** Boards and Bookmarks Management .
- 03 –** Domain Name System Services.
- 04 –** Automatic payment Subscription.

The above secured digital ID and Login decentralized web service address major users key safety concerns related to Internet use:

// Is my browsing space safe? Who access my personal data?

Further, Boards and Bookmarks Management decentralized web service, address the remaining users safety concerns:

// Are my web activities visible to unauthorized third parties service providers?



The domain name system decentralise web service allows domain name providers and holders the flexibility to manage those domains directly on blockchain and not through the provider servers.

And finally, allowing decentralise Automatic payment Subscription with ABT offer to our eco-system a unique cryptocurrency mode of payment, allowing to set monthly subscription payments for web services with ABT.

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**The use of our decentralized web services significantly increase users browsing safety.**

**ABT Automatic payment subscription is a unique decentralized payment facility exclusive to ABT.**

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# **A B T**

## **E C O N O M I C M O D E L ,**

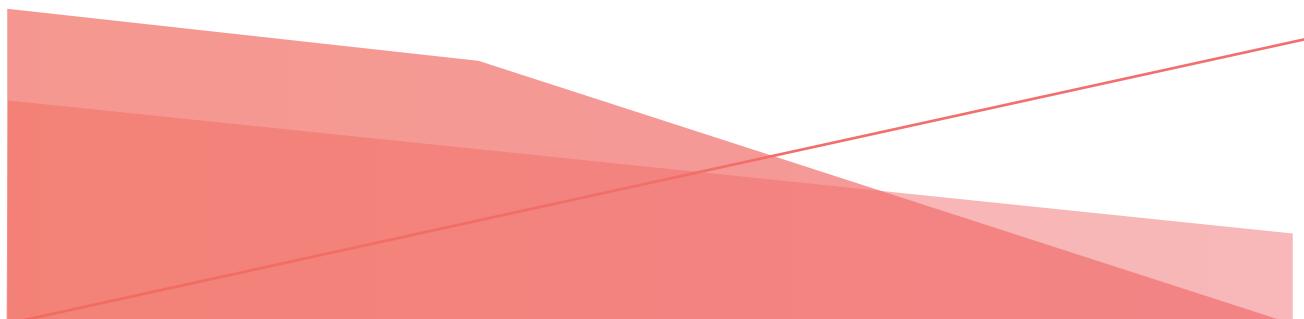
## **E C O - S Y S T E M**

## **& F L O W**

The ABT cryptocurrency Economic Model is designed for mass-market adoption. Each of the decentralized web services is designed to be independently viable and financially stable through evolving micro and macro economic and growth conditions.

The ABT Eco-system includes any browser, web content provider or web app implementing the protocol through the framework for developers and their related users.

Considering the scope and size of the ABT Eco-System, the use of ABT within each of the web services could potentially increase in a significant way over time, and may have (within the assumption of a limited ABT supply), a positive impact on its value.



## **C O M P A N Y**

Our company, ABT Technologies Limited is registered in Gibraltar with operations and technology development out of Barcelona. It is subject to external audit requirements for Gibraltar companies and operates under local regulations. We work with reputable international and local law firms to ensure acting and operating in compliance with the highest standards of business and integrity.

## TEAM

The founders, **Adi Sossover** and **Daniel Febrero Martin**, are working together for over five years and have complementary skills. Adi brings his international executive management and software business development knowhow, while Daniel is a talented software developer and entrepreneur with significant experience in delivering successful R&D projects.

The company employs **eight software engineers** and **four marketing managers**. Software engineers have graduated from Barcelona's Polytechnic University (UPC) that is recognised as one of the best computer science schools in Europe. The R&D team covers competencies in Blockchain technology (and specifically Solidity to develop scalable and gas efficient smart-contracts), Javascript and several other programming languages. The Marketing team has international background experience and multiple linguistic skills.

## ADVISORY BOARD

**Virginie Lazes**, Managing Director at **Rothschild Global Advisory Transactions** has a highly successful track record in M&A, specializing in Technology, Media, Telecom, Software and Digital. Virginie is an Advisory Board Member of ABT Technologies Limited, contributing to the company's international business development and growth strategy.



# BLOCKCHAIN

## Strategy and Token sale Advisors

Eddy Travia, CEO and Co-founder of **Coinsilium Group**, and Co-founder at **Block Chain Space**, is a pioneer investor in blockchain technology startups since 2013 and the CEO of Coinsilium, a London-based investment company that finances and manages the development of early-stage blockchain technology ventures. Coinsilium shares are quoted on NEX Exchange in London (NEX: COIN).

Yacine Teraï, CEO and founder of **StartupToken**, a global accelerator and consultancy guiding start-ups through every stage leading to the token generating event. Yacine is also a member of the Blockchain Investment Consortium, and CEO of Tokens Capital, a Blockchain investment firm. He is also a speaker, angel investor and educator in the Blockchain & crypto investment-space.



**Our team has wide expertise in Management, R&D and Marketing.**

**Our advisors have solid background in the blockchain space as well as in international business development.**

**We strive to act in compliance with highest business standards and integrity.**

# C O M P A N Y T O K E N S A L E

The company ABT private pre-sale is on going. The pre-sale includes attractive bonus conditions.

The ABT public token sale is expected to start on December 23rd 2017 10:00:01 UTC and to end on January 31st 2018 10:00:00 UTC. Our goal is to sell up to 250,000,000 ABT Tokens in exchange of Ether (ETH) at a fixed rate of 1 ETH = 3000 ABT throughout the total private pre-sale and public sale period.

For more information on our ABT decentralized technology, our Protocol and Token eco-system, our company and team, and our token sale, join us at [abtoken.io](http://abtoken.io).



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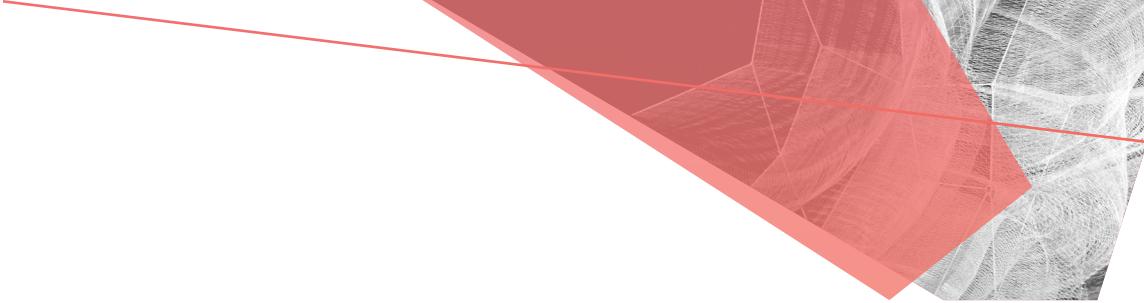
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# A B T

Our mission is to provide through the ABT decentralized web services Protocol intuitive (plug & play) methods to facilitate the implementation of its blockchain browsing focused features to any browser, website or app wishing to join our eco-system through the ABT framework for developers and provide safer and smarter browsing related web services to its users. We aim, through this implementation process, to enable companies to optimally design their web tools and web display to maximise the effectiveness of their services and their users browsing use benefits.

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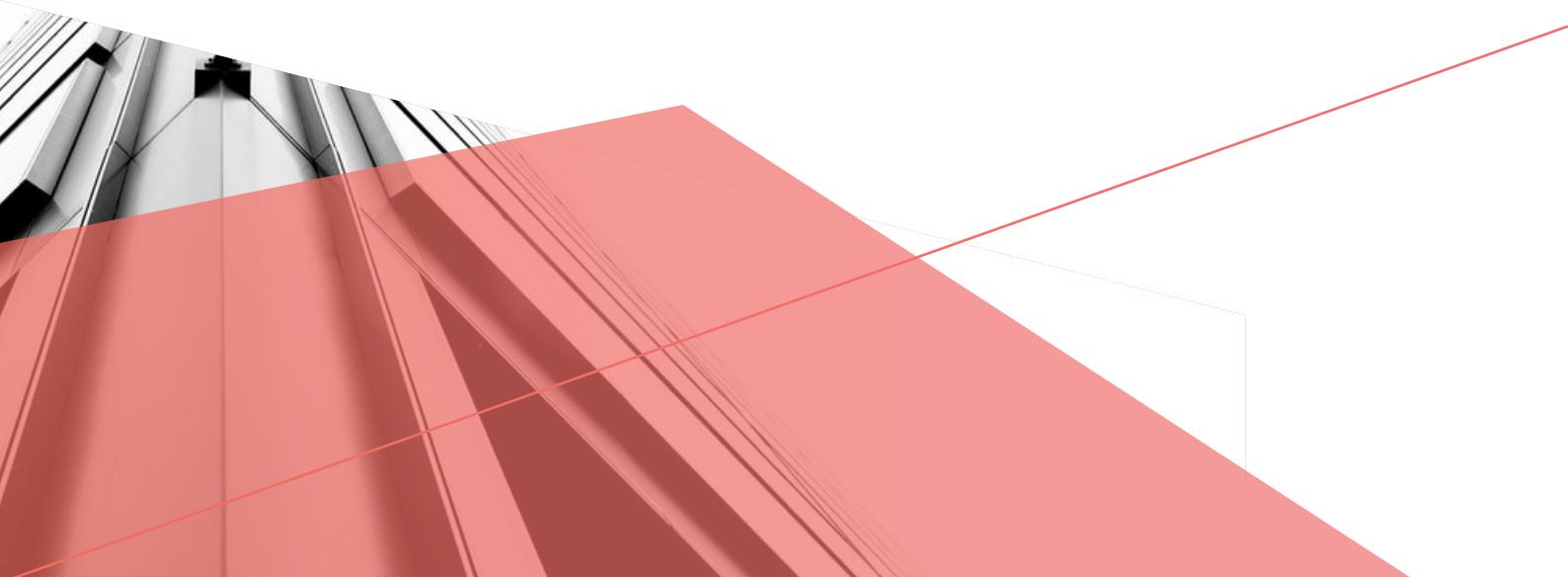
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We aim to enrich ABT users' browsing experience, skills and productivity. Our features are designed to fit both novices and experts users, simplifying and enriching users day-to-day Internet use through our technology.

At present, acquiring and using crypto currencies can be a real challenge for non-technical novice users. A simple typing error can result in the loss of a significant amount of money. One of our objectives is to create a simple and seamless process for the purchasing and spending of the ABT token and crypto wallet management. Sending ABT to a friend should be as simple as sending a message via a social messaging app.



Our other major concerns are security and data privacy. Internet users are generally - and rightly so - very concerned about the security of their data as they navigate through the Internet. In general, users aim to protect their online environment as best as they can. However, Internet users are frequently required to provide their personal details and social information to a variety of online services providers, websites and apps. Through the deployment of the ABT Digital Identity & Secured Login, our mission is to simplify and secure the way users register and log into any online application using the ABT protocol.

One of the strength of our dynamic multi browsing technology is the ability to share boards of web elements with others and to develop social browsing activities. ABT Domain Name System proposes to choose a unique string directly resolving to a Board (or a bookmark) in a decentralized way. ABT Domain buyers will be able to promote their boards directly through the web.

ABT further offers to its users the possibility of enhanced transfers facilities while subscribing to a particular service or provider. The market is full of crypto services, but subscription has been surprisingly omitted. ABT will add this feature, to complete its range of transfer / payment capabilities to the benefit of the ABT community.

ABT will continue to develop other decentralized web services features in connection with its core browsing and blockchain competences, such as secured interactive boards communication and secured social exchange. This will further facilitate and optimise the entire browsing cycle for companies implementing its protocol and enlarge their users' browsing experience.

ABT Technologies Limited seek alliances with other blockchain market payers representing a synergy or complementary to our technology. It will also seek to approach browsing market players, websites and apps, to exchange on technology know-how and market feedback. Further, ABT Protocol decentralized web services will be fully implemented in the Addap's Browser.

# A B T

The wallet, for Windows, macOS and Linux, allows managing ABT addresses and transfer of tokens between addresses. It also implements user interfaces for the ABT Protocol and proposes an API in order to allow local and third party applications to execute actions in the wallet, like editing the user digital identity or transferring tokens to another wallet.

The wallet is in charge of requesting permissions from the user for specific actions executed on the different ABT tools by external services:



*Example:* Read or write user Digital Identity or subscribe to online services.

## **B O A R D S & B O O K M A R K S**

The wallet can list the Boards and Bookmarks saved by the user on the Smart Contract. From the wallet, the user can perform basic operations like deleting or renaming a bookmark.

## **D O M A I N   N A M E S Y S T E M**

A user can, directly from the wallet, reserve or release a Domain. The user can also choose to which board or bookmark the Domain resolves.

## **D I G I T A L I D E N T I T Y**

A user can create and edit his/her Digital Identity from the wallet. Further, the wallet provides a visual representation of the apps and websites where the users used their Digital Identity to login and register. From the wallet, users can also edit the read permission given individually to each app and website.

## **S U B S C R I P T I O N S**

Services to which the users have subscribed through the ABT Subscription tool are displayed in the wallet. The users can view the maximum recurrent amount collected by their related providers, the frequency and an historic of previous collections.

# ABT

# DECENTRALIZED

# WEB SERVICES

# TOOLS

## ABT BOARDS & BOOKMARKS



The ABT Boards and Bookmarks tools completely rethink the way browsers, websites, apps and related users interact with the web. It allows to create and to manage dynamic online environments. Each environment (Board) is composed of all sorts of web elements and each associated with a specific design and meta-data (based on the apps purposes and needs). It further allows easy visualisation and management of their Boards.

The ABT tools allow the use of features such as duplicate, save and share of those Boards in a decentralized way in the Blockchain. Platforms such as Addap's Browser and other compatible apps that implement the protocol are able to open those Boards, display and operate them.

In addition to managing boards environments, this ABT tool also gives the option to the users to directly save and manage websites as bookmarks. Having bookmarks saved in a decentralized way in the blockchain allow users of any browsers, websites and apps that implemented the protocol to share the bookmarks between themselves.

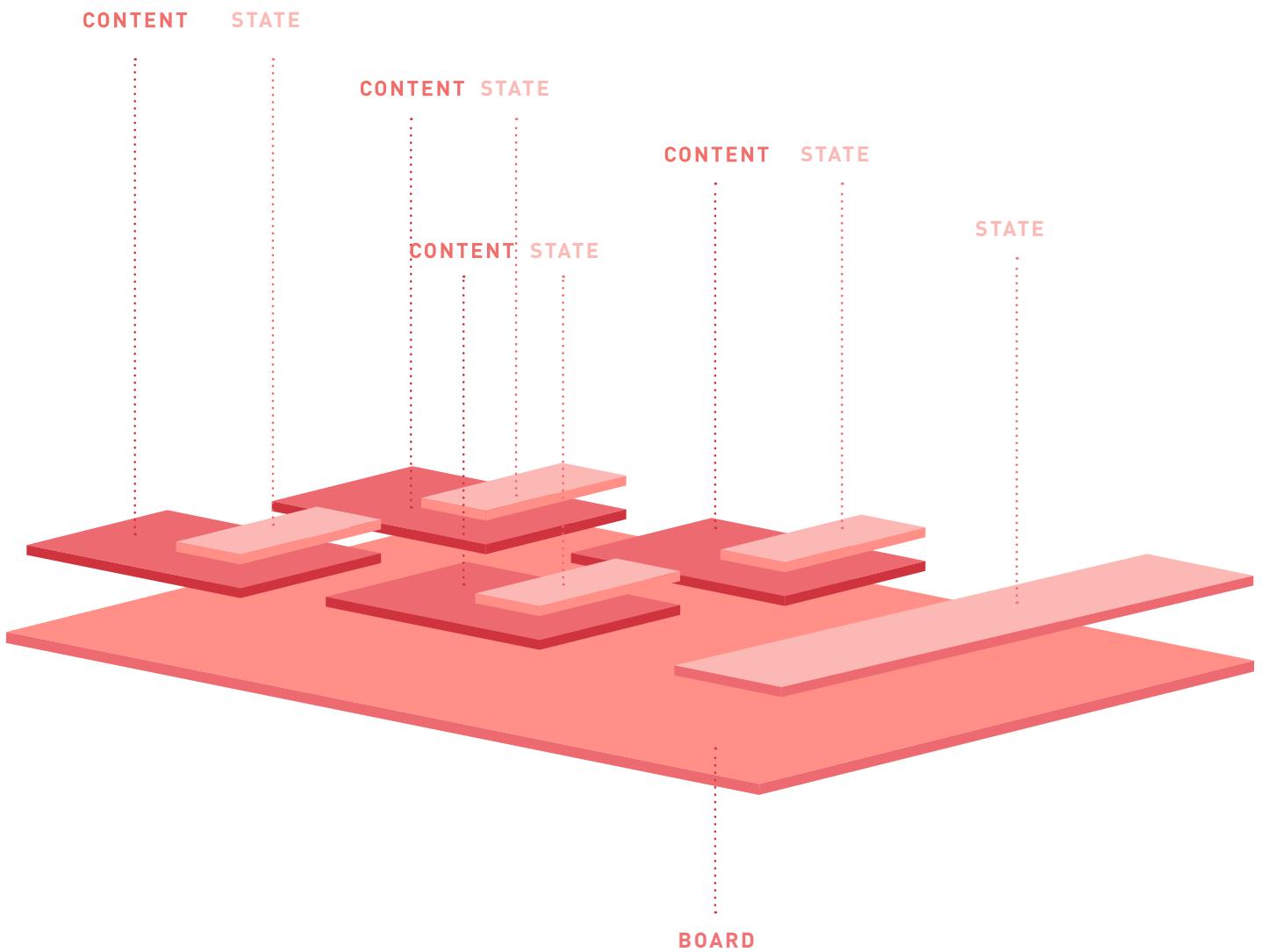
*Examples:*

- 01** Google Chrome extension may load a Board web content in its own tabulations layout
- 02** A Bookmark app may display and manage a Board web content in its own library
- 03** A To-do-list App may associate a Board web content and reorganize it by tasks
- 04** A comprehensive example is the implementation in the Addap's Browser:

Addap's browser allows creating dynamic online environments, each composed of an aggregation of web content selected by the user, each of the web content is an independent web session and each is displayed in a window-like format with a controllable size and position on a scrollable board. All web content are simultaneously visible and active. With Addap's browser users may save and share Boards they created with other users. The smart contract allows creating, saving and sharing Boards and Bookmarks and their related meta-data and setting.



# Specification



Each Board has a general state of configuration and related features while each of the Web content has its own format, size and position on the board and has its own state of configuration while functioning as an independent browsing session. The Board and its dynamic Web Content elements form a personalized online environment that can be saved and shared.

## Exemple of a board use in Addap's Browser

Here below is an Addap's Browser Board object. It is associating URL web address, various windows web content size, position and other settings (all operate through the ABT Boards and Bookmarks tool):

```
{  
    "id": 1964,  
    "label": "Search engines",  
    "state": {  
        "background": "...",  
    },  
    "content": [ "https://www.google.com", "https://www.bing.com"],  
    "contentState": [ ... ],  
    "tags": [  
        "food",  
        "lifestyle"  
    ],  
    "description": "My preselection "  
}
```

# Methods

The ABT Board protocol allows creating, operating and saving the Board such as:

• • •

## Update

```
{ id: 1964, label: "my new label", state: [...], content: [...], contentState: [...] }
```

Only the user who created the Board can update it.

Another user may choose to Duplicate this Board to be able to modify it and save it.

## Create

```
{ label: "my new board", content: [...] }
```

## Open

```
{ id: 1964 }
```

## Delete

```
{ id: 1964 }
```

Only the user who created the Board can delete it.

## Duplicate

```
{ id: 1964 }
```

Any user can Duplicate an existing Board

Other methods will be added to our ABT Board Protocol through the execution of our R&D roadmap.

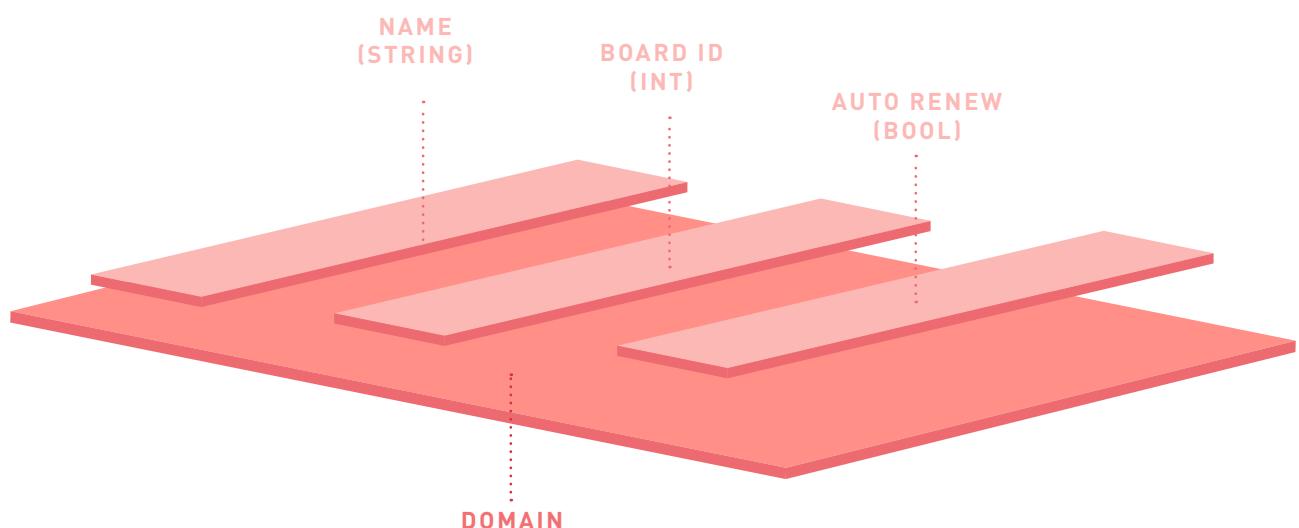
# ABT DOMAIN NAME SYSTEM

An ABT Domain Name System proposes to choose a unique string directly resolving to a Board or a Bookmark in a decentralized way. Acquiring a domain will enable the domain buyers to make their boards or bookmarks easier to find and to promote. Domain holders are able to share their boards directly on the web through an URL allowing direct access to everyone through simple web navigation.

*Example:*

- 01 Google Chrome extension that intercepts URL's using the ABT Domain Name System requests the corresponding Board from the smart contract and opens tabulation for each URL composing the Board

The Domains are paid upon creation of the Domain lease contract and paid based on a full fixed price or a discounted price depending on the engagement period length. For more details please refer to the ABT Economic Model detailed here after.



A Domain has a name, resolves to a Board Id and can be auto-renewed or not.

Exemple of an URL using ABT domains Protocol

ABT://restaurants-In-Paris

## Domain

```
{  
  name: "restaurantsinparis",  
  boardId: 1964,  
  autoRenew: true  
}
```



# Methods

• • •

## Create

```
{ name: "restaurants", boardId: 540, autoRenew: true }
```

## Update

```
{ name: "restaurants", boardId: 400 }
```

This method allows the Domain owner to update the Board Id associated with the domain

## Delete

```
{ name: "restaurants" }
```

## Open

```
{ name: "restaurants" }
```

This method return the Board Id

## State

```
{ name: "restaurants" }
```

This method return an object representing the current Domain owner and the next renew date

```
{ owner: "0x098as0d98dsfsfsdf", until: "1536756784" }
```

Other methods will be added to the Domain Name System protocol through the execution of our R&D Roadmap.



# **A B T   D I G I T A L**

# **S E C U R E D   I N D E N T I T Y**

## **&   L O G I N**

The ABT Digital Secured Identity and Login stores, manages and secures digital identities. Those identities allow ABT holders to instantly and securely login to websites and apps using the ABT Protocol without having to manually register, or share a social network identity.

There are some advantages of managing an online identity and login processes using blockchain technology. The main advantage is that the blockchain is decentralized, and the technology developed and deployed by companies will technically survive regardless of the future survival of its creator (sometimes unknown as in the case of Bitcoin). Other advantages include the fact that the contract code source and the processing operations are easily and publicly verifiable. It makes more sense to trust a verifiable and publicly available algorithm to manage your digital identity than a closed source alternative.

How does it compare to using passwords and emails as a means of security? These can potentially be stolen or hacked. With even a small amount of tech skills, people with malicious intents could access the credentials of one of the websites you regularly use, and would be able to login discreetly from anywhere around the world and use your personal online tools. With the ABT secured login, this would be impossible. Your private key becomes your identity and enabling only you to login to your online environments and services. Your wallet and your identity will be stored only on your trusted devices. When accessing one of those devices, you will have secure access to online services. If a website is compromised, hackers would not be able to steal any credentials, as these are not used to login with ABT.



The ABT smart contract will store the personal information of the holder, encrypted with his or her public key. The ABT wallet will allow holders to edit their information. Providers (websites and apps) with which the user decided to login/register with ABT, would have access to the latest version of the user's personal information, encrypted with their own public key. This would allow the users to manage their details, like emails addresses, avatars and nicknames, from one unique source and in a secured way. If users have subscribed to the option, the wallet will also show a history of connections to their account. Each connection is backed by a transaction and its associated cost. This ensures that each user knows exactly when his/her account has been accessed.

Finally, users will be able to visualize, in one unique place, all the websites and apps to which they are or were registered, the date of last access for each website or app, and the history of those connections if they wish to.

### Updating the user's personal details

- 01** User uses the ABT wallet to update its personal details.
- 02** Changes are encrypted with the user public key and saved on-chain

### Updating the user's personal details

- 01** User clicks on "Login with ABT".
- 02** Wallet asks for permission.
- 03** User grants permission.
- 04** Last version of the user's details is encrypted with the provider's public key and saved on-chain.
- 05** Provider can read user details and decrypt.
- 06** User is identified and can access the app/website.

The ABT framework facilitates the implementation of the above processes to the providers.

# Specification

Exemple of a user object using ABT Login & Digital Identity

The User object is encrypted in the smart contract with the User public key.

```
User
{
  address: "0xaklsdf0sd9s",
  nickname: "crazybandit",
  fullname: "John Smith",
  emails: ["crazybandit@gmail.com"],
  phones: [ "0034603580312"],
  avatar: "https://www.myavatars.com/crazybandit",
}

Provider
{
  address: "0xaklsdf0sd9s",
  label: "OnlineStreaming",
  homepage: "https://www.example.com"
}
```

The Authorization object is stored in the smart contract and encrypted with the Provider public key.  
At any moment, the provider can decrypt the details using its private key.

# Authorization

```
{  
  provider: "0x9870980s98df",  
  user: "0x098s9d80s98sssde",  
  nickname: "crazybandit",  
  avatar: "https://www.myavatars.com/crazybandit"  
}
```

• • •

# Methods

```
Login  
{ provider: "0x098098sadf098", permissions: [ ... ] }
```

• • •

```
Delete  
{ provider: "0x09sd98098sjfd" }
```

```
UpdateAuth  
{ provider: "0x098098sadf098", permissions: [ ... ] }
```

```
UpdateUser  
{ fullname: "Paul Smith" }
```

Other methods will be added to the Digital Secured Identity and Login protocol through the execution of our R&D roadmap.

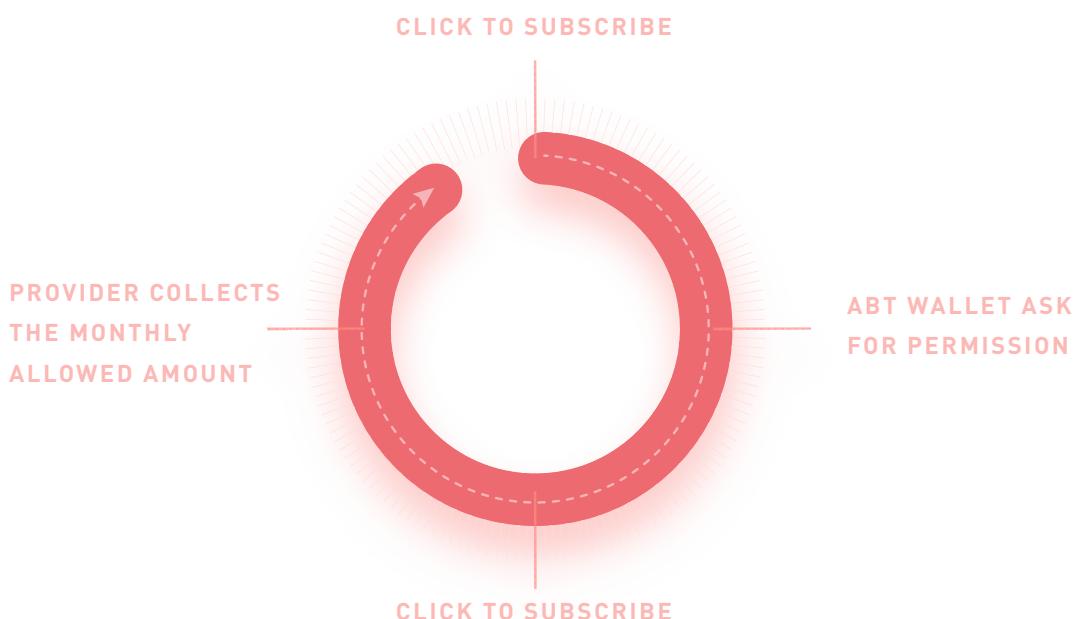
# ABT AUTOMATIC PAYMENTS SUBSCRIPTION

We noted that the market is full of crypto services, but one of them has surprisingly been somewhat ignored. Any token implementing the ERC20 specifications can do two main things:

- 01** – Transfer tokens to another address.
- 02** – Give an allowance to another address.

The first function involves transferring a specific number of tokens from one wallet to another. The second function allows a user to send a credit to another user that can be collected at any time. This is a useful function, but not practical for recurrent monthly credits.

While retaining much of the ERC20 specification, ABT offers the possibility of subscribing to a particular service or provider. The main difference regarding the allowance feature, compared to the ERC223 specification, is that the provider is allowed to collect on a regular basis. Basically, the user will specify an address and a fixed or maximum amount. That addressee will be able to collect this value as fixed or up to a maximum value each month, secured by a contract. The amount can be specified in ABT, BTC, ETH, EUR, USD or CNY. The amount will be collected in ABT based on the exchange rate at the collection time, through an oracle service.



# Specification

Exemple of a user object using ABT automatic Payment Subscription

```
{  
    provider: "0xa098sd908sf9sd0f9",  
    client: "0x09s8df9asdf90u0asdf",  
    collections: [collection1, collection2],  
    maxAmount: "100",  
    maxCurrency: "USD",  
    lastSuccessfulCollectionTimestamp: "1505205690",  
    lastSuccessfulCollectionBlock: "4335611",  
    yearlyFrequency: "12"  
}
```

# Collection

```
{  
    provider: "0xa098sd908sf9sd0f9",  
    client: "0x09s8df9asdf90u0asdf",  
    amount: "90",  
    currency: "USD",  
    valueABT: "900",  
    success: true  
}
```

# Methods

• • •

Subscribe

```
{provider: "0x....", maxAmount: 100,  
maxCurrency: "USD", yearlyFrequency: 12}
```

Update

```
{ provider: "0x....", maxAmount: 50 }
```

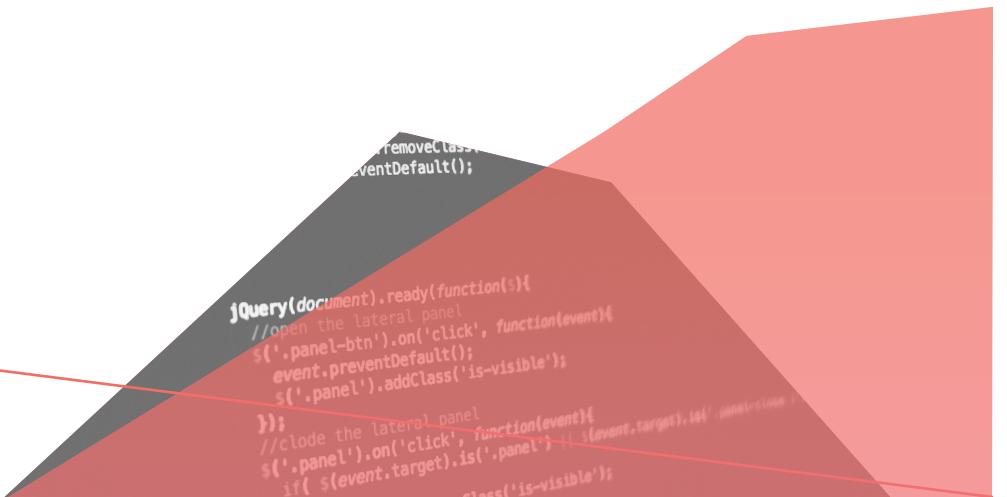
Delete

```
{provider: "0x0098sdfxxs0909asd"}{client: "0x098s0d98a098dfa098s" }
```

Collect

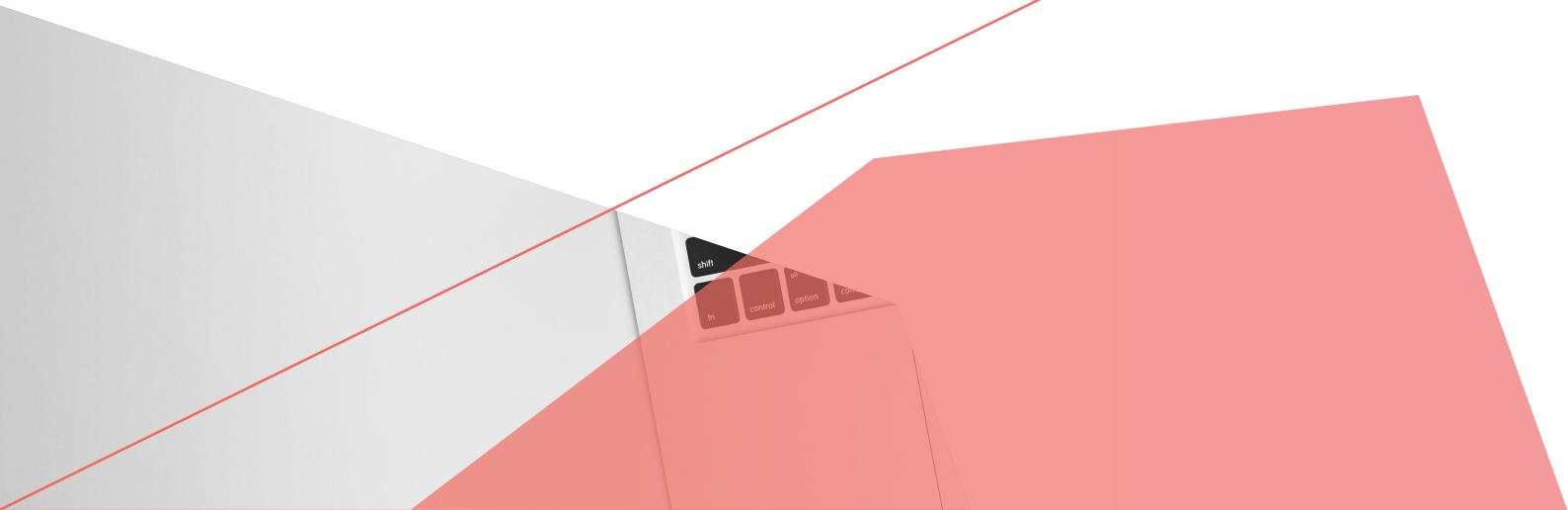
- o { client: "0x098098sd9f8098xc" }

Other methods will be added to our ABT Automatic Payment Subscription protocol through the execution of our R&D roadmap.



```
removeClass;  
event.preventDefault();  
  
jQuery(document).ready(function(s){  
    //open the lateral panel  
    $('.panel-btn').on('click', function(event){  
        event.preventDefault();  
        $('.panel').addClass('is-visible');  
    });  
    //close the lateral panel  
    $('.panel').on('click', function(event){  
        if( $(event.target).is('.panel') || $(event.target).is('.panel-close') )  
            $(this).removeClass('is-visible');  
    });  
});
```

# ABT FRAMEWORK



The ABT framework aims to provide a set of tools to facilitate the implementation of ABT Protocol in existing or new browsers, websites and apps. It will be released under GNU General Public License 3.0 licence, and developed with Javascript.

The framework covers the full scope of implementation by providing both frontend and backend modules. Our objective is to develop the ABT framework in a plug-and-play format and enable easy adoption of our Protocol. For example, if a website wishes to integrate "login with ABT", the website administrator will not need to set up and manage a wallet, as the framework will generate and secure address and private key for the website.

The ABT framework will include at least the following (Backend, Frontend and dedicated tools development):

- 01** – Board and Bookmarks Management
- 02** – Domains Name System Management
- 03** – Login and register
- 04** – Digital Identity Management
- 05** – Automatic Payment Subscription facilities

A technical overview detailing how the framework is likely to operate is provided hereunder in the next section of this paper.

# ABT TECHNICAL OVERVIEW

## ABT AN UPGRADEABLE TOKEN

One of the main topics while creating our ABT Token was to implement it in a way that it could be upgraded easily. The blockchain universe evolves quickly. Programming languages and tools used by the wider community of developers are constantly improving. Researchers work hard and occasionally discover important vulnerabilities in related technologies that need to be fixed.

ABT is built upon two layers of upgradability. The first layer is the Ethereum Name Service (ENS). This is a service that allows resolving a domain like abtoken.eth to an Ethereum address. When accessing our domain with a compatible app (Ethereum Wallet since July 24, 2017), the app will automatically resolve to the most recent version of our contract. Upgrading the address resolved by the domain will be considered as a Hard Upgrade. Services not compatible with ENS will still have to manually update the contract address, which can be difficult. The second layer will be used much more frequently and is therefore a Soft Upgrade. It consists of a contract used as a Dispatcher. This Dispatcher is in charge of relaying the calls and transactions to the last version of the Token contract. The Soft Upgrade will allow us to apply an update to the Token contract without changing the Dispatcher's address.

Accordingly, we will constantly improve our technology and constantly monitor the security of ABT. We can assure our community that ABT will be patched if any security issue is discovered. This will reduce the risk of scammers pretending that the contract address has been switched. The majority of end users will never have to worry about upgrading their contract address or carrying out a complicated manipulation.

ENS	DISPATCHER	ADDAP'S TOKEN
Resolve to the Dispatcher address	Store all data related to the Token. Store the address of the most recent ABT contract. Delegate all code execution to the ABT contract.	Will update the dispatcher storage on Init. Will execute functions delegated by the Dispatcher.

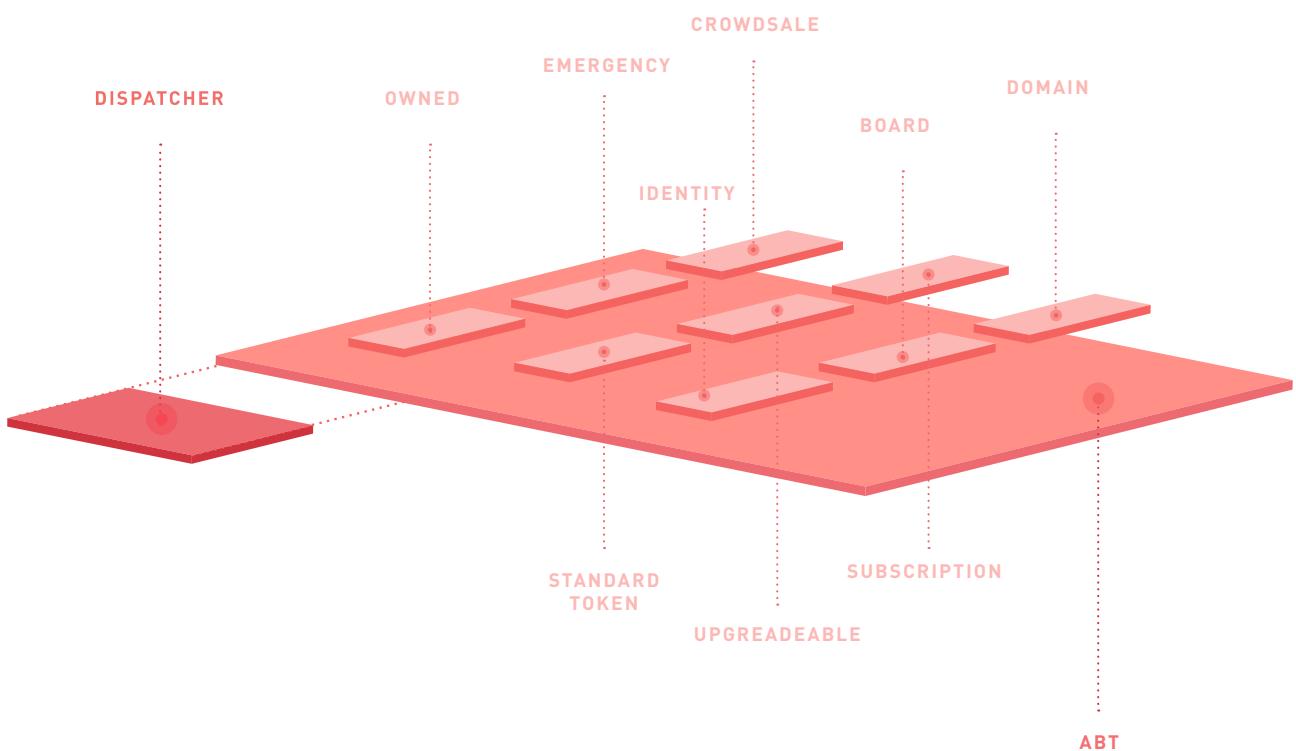


# Components

The ABT smart contract is composed of the following components:

- 01** – Dispatcher
- 02** – ABT
- 03** – Crowdsale
- 04** – Emergency
- 05** – Owned
- 06** – Standard Token

- 07** – Upgradeable
- 08** – Subscription
- 09** – Identity
- 10** – Board
- 11** – Domain



The Dispatcher is a standalone contract. This contract address is the one of the ABT smart-contract. It is in charge of relaying code execution to the latest version of our Token. The ABT Smart-Contract itself is composed of all of the other previously listed components.

The crowdsale component is dedicated to ABT during the pre-sale and sale periods. The emergency component allows us to completely freeze the Smart-Contract in the event of absolute necessity. The standard token component is provided by Zeppelin Solutions and is the base for a regular ERC223 token (transfers, allowances, basic specifications).

The subscription, identity, domain and board components handle the "Login with ABT", "Subscribe with ABT", "Boards and Bookmarks" and "Domain Name System" features.

# ABT MAIN FEATURES ON FRAMEWORK

The ABT framework aims to facilitate the ABT Protocol implementation and integration into existing or new websites and apps. It is open-source and mainly developed with Javascript.

# S P E C I F I C A T I O N S

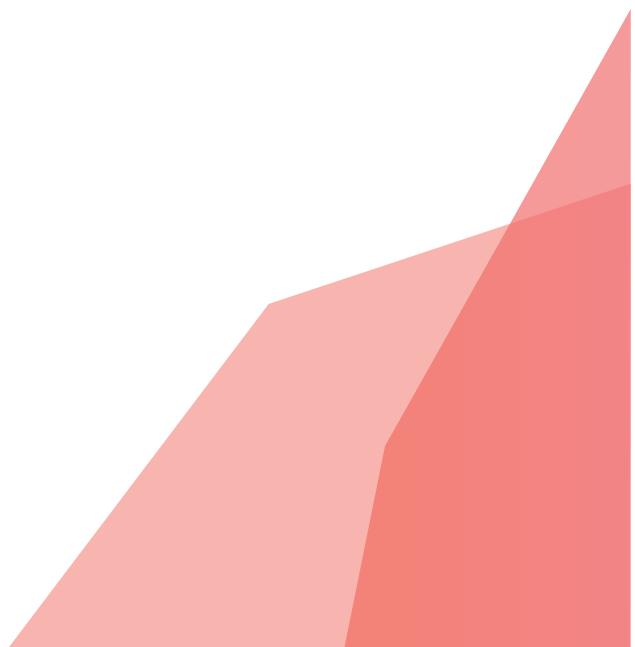
License: GPL-3.0

Language: Javascript

Scope: Server backend and client frontend

## L O G I N & R E G I S T E R W I T H A B T D I G I T A L I D

The objective of this module is to easily propose to Login or Register with ABT Digital Identity in any project type. It can be a website or a HTML app (like electron apps). This module will cover both the front end and the back end.



### FRONTEND

Login Button

Constructor

ABT address (of the website/app)

Callback after Login

### BACKEND

Get visible User details (email, nickname, first name, last name...)

Subscribe to Users details modification event.

Generate (or set) ABT address

## Frontend

We will provide a plug-and-play button "Login with ABT". This will launch the ABT wallet that will ask the user to give permissions to the website / app to get its details. The website / app can choose the information type needs: nickname, full name, email addresses and phone numbers etc. Once accepted, the user details are encrypted with the website / app Public Key (automatically generated by the Framework, if needed) and saved on the Blockchain.

## Backend

When the user gives the permissions to the website / app, the user address is posted to the backend. At that stage, the backend creates / updates the user details, if needed, in its own database, and answer with a callback that will accept or refuse the user to enter in the website / app. The website / app has to have an ABT address that can be generated by the Framework.



# M A N A G E   B O A R D S W I T H   A B T

This module will provide an interface to easily communicate with the ABT Boards tool. At first, it will cover the public methods that do not require having a private key. In a second time, it will integrate the methods that require having a private key (create / update Boards).

# S U B S C R I B E T O A S E R V I C E W I T H A B T

The structure of this module is very similar to the ABT Digital Identity. It is also composed of a frontend part and a backend part. It aims to facilitate the usage of the ABT Subscription tool in order to allow any website or app to propose to its users to subscribe to their service through their ABT Wallet.

## FRONTEND

Subscribe Button

Constructor

ABT address (of website/app)

Subscription parameters

- Maximum value and currency
- Next collected value and currency
- Pay in advance or at the end of the month

Callback after Subscribing

## BACKEND

Collect a due amount

Cancel a subscription

Update the next collected value of a subscription

Manage failed ABT collections

## Frontend

We will provide a plug-and-play button "Subscribe with ABT". This will launch the ABT wallet that will enable the user to choose to give permissions to the website / app to collect a given amount on a regular basis. The users will have to agree with: the maximum amount collected each time, the currency of this amount and the number of collections per year.

Once accepted, the provider (website / app) can collect the agreed amount depending on the terms agreed by the user.

## Backend

When the user gives the permissions to the website / app, the user address is posted to the backend. At this moment, the backend can consult, delete or collect the due amount. The Framework will propose to automatically collect all the due amounts from all the users.

## M A N A G E D O M A I N S W I T H   A B T

This module will provide an interface to easily communicate with the ABT Domains tool. At first, it will cover the public methods that do not require having a public key. In a second time, it will integrate the methods that require having a private key (create / update Domains).

# A B T D E V E L O P - M E N T R O A D M A P

The main milestones on our development roadmap are:

ABT wallet – January 2018

The wallet will provide all features of the ERC223 standard.

ABT Subscription framework – April 2018

The framework will provide the necessary toolset to manage “Subscription with ABT Protocol” in a flexible plug-and-play mode for any website, app, company or an individual wishing to implement the ABT Protocol.

ABT Login framework – June 2018

The framework will provide a sufficient tool to integrate “Login with ABT” in a plug-and-play mode for any website, App, Company or an individual wishing to endorse the ABT Protocol and implement it.

Digital Identity – June 2018

Manage your online virtual identity from one unique interface: your ABT wallet. Visualise those websites and apps to which you are registered. View your last accesses. Your detailed identity is stored in the smart contract.

ABT Board Framework – September 2018

The framework will provide sufficient tools to open visualise and manage Boards through a plug-and-play mode for any website, app, company or individual who implement the ABT Board tool and implement it.

ABT Domain Framework – December 2018

We will provide tools to manage Domains through a plug-and-play mode for any website, app, company or individual who implement the ABT Domain Name System tool and implement it.

Promoting ABT through Addap’s Browser Premium Features

Through 2018 Addap’s Browser will test and implement the ABT Protocol as a pioneer partner. Addap’s Browser shall assist ABT in testing the go to market affectivity through various analysis of related users’ experiences and satisfaction level measures as well as other joint marketing initiatives.



# ABT

# E C O - S Y S T E M

# & E C O N O M I C

# M O D E L

## ABT GLOBAL MODEL

ABT protocol is designed in a way to ensure that each of the decentralized web services is designed to be independently viable and financially stable through evolving micro and macro economic and growth conditions. Some of the ABT decentralized web services are such as Secured Digital Identity and Login and Boards and Bookmarks Management are very dependant on blockchain transactions. While using services such as Boards Backups through the blockchain, users consume transactions every time they exercise such activities. The transactional cost price (in Ether) becomes critical through evaluating the business model. ABT global economic model is conceived to provide an effective mass-market solution, the smart contract is designed to support services in a way to reduce transaction costs. We will elaborate hereunder on the global mechanism and the flow allowing that.

ABT economical model provides the stability needed to the ABT currency, so it can support the ABT smart contract activities in a changing market conditions. We will further explain how can this be achieved.

Finally, while assuring the stability of each of the ABT web services and the global performance of ABT model and cryptocurrency, the ABT protocol is designed to allow as much as flexibility to the companies implementing it, to maintain their business objectives. We will show how is this obtained through each of the decentralized web services model.

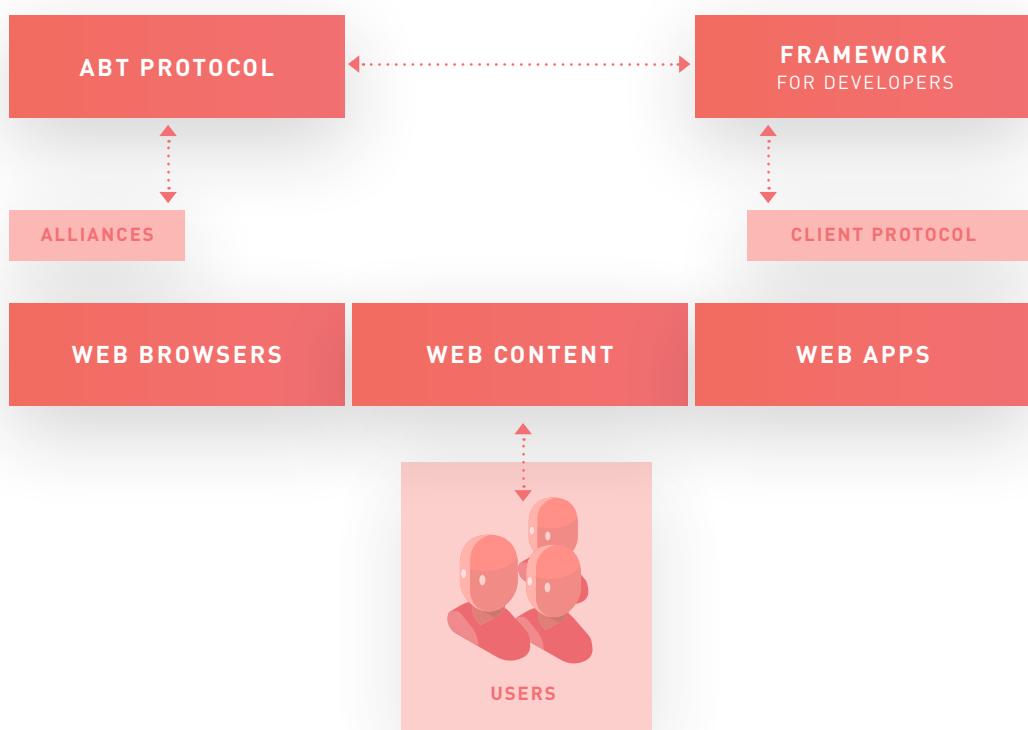
## A B T   E C O   S Y S T E M

The ABT Eco-system includes any browser, web content provider or web app implementing the protocol through the framework for developers and their related users. Addap's browser is one of the first clients' protocol eco-system members.

ABT seek to add strategic alliances with partners having blockchain or browsing technological synergy or complementary market coverage.

### ABT Eco - System

Web Services in a mass Market



# ABT TOKEN FLOW

Considering the scope and size of the ABT Eco-System, the use of ABT within each of the web services could potentially increase in a significant way over time, and may have (within the assumption of a limited ABT supply), a positive impact on its value.

## Web services

**01** – Secured Web Digital Identity and Login

**02** – Secured Boards and Bookmarks Management

**03** – Domain Name System services

**04** – Monthly web services Subscription

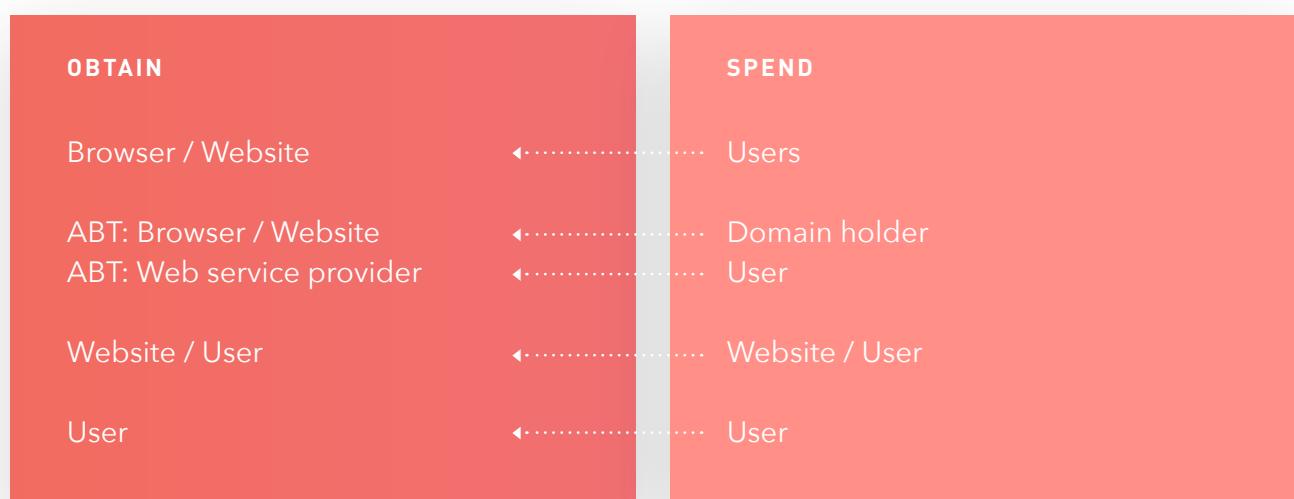
**05** – Sell / Purchase web-services or products

**06** – Grants or Tips performance

**07** – Contributions

**08** – Transfers

## Token Flow



# **D O M A I N   N A M E S Y S T E M   E C O N O M I C M O D E L**

Generating unique strings that are directly resolving to Boards or Bookmarks in a decentralized way do not generate transactions and do not have associated costs. (Except of course to the first registration of the domain on the blockchain). However, acquiring a specific domain is associated with benefits as it enables the domain buyers to make their boards or bookmarks easier to find and to promote through simple web navigation. As such the domain has an economic value.

Each of the browsers / website applying for a domain from ABT will pay an ABT monthly price determined by the smart contract. The browser/ website shall further provide the domain to the domain holder (user) for ABT monthly price determined by its discretion as per its business objectives and economic model.

The amounts collected by ABT for its Domains will be allocated to its Domains Reserves and will be further used by the smart contract to maintain the ABT currency stabe (in terms of exchange rate fluctuation and market liquidity). In addition, a portion of this reserve will be dedicated (by algorithmic calculation) to partially subsidize user's transaction costs on Secured Digital Identity and Login and Boards and Bookmarks Management.

# **A U T O M A T I C   P A Y M E N T S U B S C R I P T I O N E C O N O M I C   M O D E L**

Each registration of an ABT automatic payment subscription involves a transaction cost. This cost is directly allocated to users subscribing to the related services. However, as facilitating the payment terms to the provider and the buyer, the subscription service has certainly an economic value. ABT smart contract will charge fees (by algorithmic calculation) for each of the subscription generated through the ABT automatic payment subscription. Those fees will be added to the ABT Subscription reserves and will be used on the same way as same as the Domains Economic Model to both stabilise the ABT currency and to ensure partial subsidizing of the transaction costs on Secured Digital Identity and Login and Boards and Bookmarks Management.



S E C U R E D   D I G I T A L  
I D E N T I T Y   A N D  
L O G I N   A N D   B O A R D S  
A N D   B O O K M A R K S  
M A N A G E M E N T .

Each of the users applying for Secured Login and or Board and bookmark management will need to apply for a monthly fees in ABT allowing the use of the web services. Such fees would cover the related transaction costs and additional operating costs determined discretionally by each browser or website providing those web services. ABT shall partially subsidies those fees with the target to reduce those to the minimum possible and provide safe browsing to with a reduced price any user wishing to get those services.

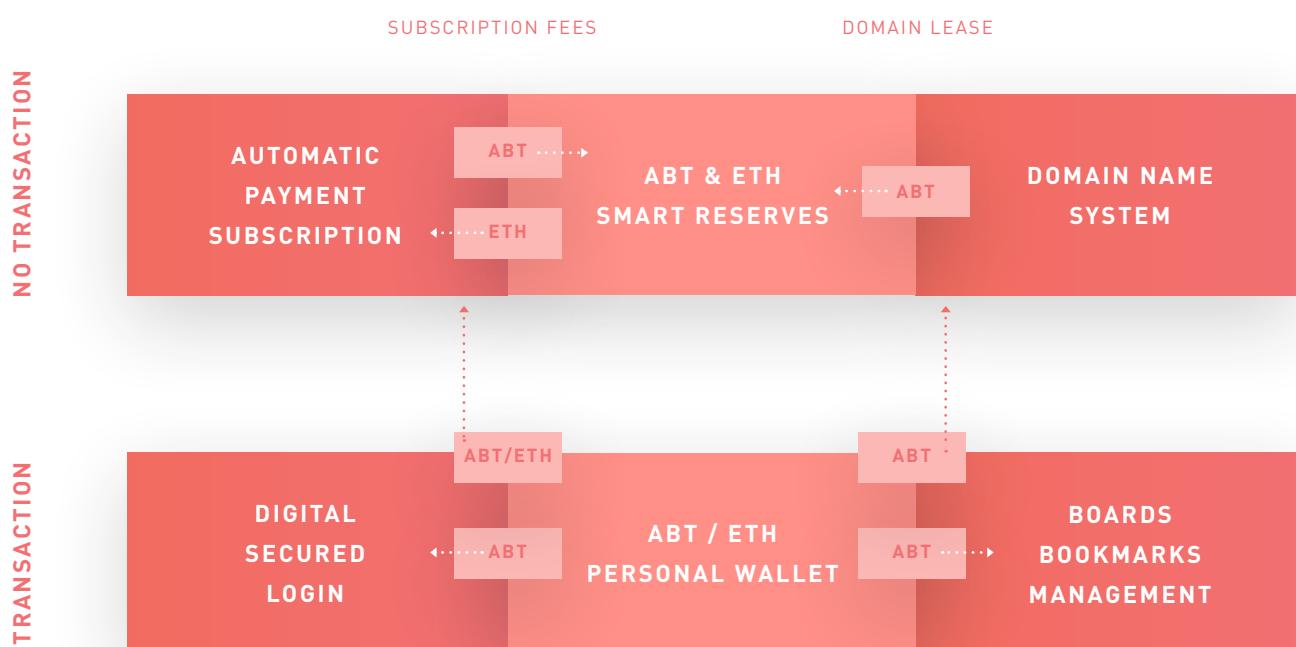
While considering the ABT Economic model and its behaviour over time, we expect the ABT reserves to grow once Domains activity is developed and more browsers and apps, providers and users take advantage of the ABT subscription facilities.

With the positive impact of those two services over the Smart Contract reserves, we expect a significant reduction of the ABT transactions internal price with an objective to reach over time a price of zero.

Finally, both the growth of ABT Reserves and the potential increase of ABT use over time will play a role to impact ABT value and will ensure a stronger and stable ABT to the benefits of the ABT community.

## Economic Model

Each of the ABT features is independently viable  
Smart Contract Reserves subsidize Transactions cost



## OTHER SERVICES PAID IN ABT

Browsers, websites and apps may decide to promote additional services paid in ABT, which are not managed through the smart contract (For example: Addap's browser will manage promotion of boards on the social explore engine through ABT). Such additional ABT usage will increase the currency liquidity and will ensure its currency growing strength and visibility in the market. Our company will explore and promote such activities to the benefit of the ABT community.

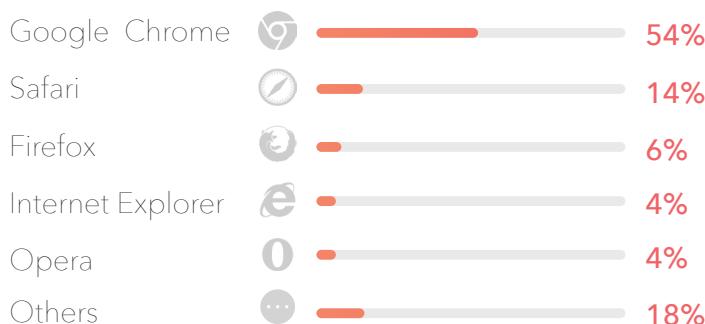


# MARKET OVERVIEW

## BROWSERS MARKET OVERVIEW

### Competitive analysis

The mainstream browser market players<sup>1</sup>



<sup>1</sup> Source: StatCounter - July 2017

The predominant focus of the mainstream market players is to improve their browser page rendering display in terms of quality and speed. Google Chrome and Firefox also focus on promoting a wide selection of extensions and apps dedicated to their browser, in order to enlarge and improve the services given to their users. None of those mainstream players are positioned to directly provide users experience based on blockchain technology.

## Other browser market players

**Tor** – Focused on user privacy and browsing through Deepweb, defending against traffic analysis, a form of network surveillance that threatens personal freedom and privacy, confidential business activities, relationships, and state security.

**Mist** – Browsing through blockchain Ethereum Dapps technology and promoting dedicated cryptocurrency wallet.

**Blockstack** – A new concept of browsing through a decentralised Internet, non-deployable at the current stage.

These three small market players propose access to an unregulated, censor-proof Internet (except Mist) compared with the main browsers players: Deepweb with Tor – Dapps with Mist – Decentralised Internet with Blockstack. Tor Deepweb browsing display speed is slower than the market standard while Mist's and Blockstack's Internet browsing display is still at the conceptual phase as the Internet environment on both solutions does not exist yet.

**Metamask** – Browsing Dapps and proposing an Ethereum wallet as an extension for Google Chrome.

**Brave** – Browse while blocking ads and trackers. This allows the Brave browser to load websites faster than Chrome and Safari on mobile and Chrome on desktop.

# ABT

## COMPETITIVE ANALYSIS

While the mainstream browser market players compete to propose the best page rendering display performance (quality and speed), their browsing methodologies remain almost unchanged since the offering of Netscape in the 1990's. Some of the leading market players such as Google and Firefox propose additional cloud services or extensions to provide a larger range of services to their users.

In contrast to the main market players and Brave which have made page rendering display performance their top priority, ABT focuses on the entire cycle of the user's navigation experience and its overall browsing benefits (including ABT blockchain-enhanced functionalities).

While re-thinking the browsing experience, ABT complete the usage of Netscape's step-by-step full screen methodology of the 1990s with a more modern approach of multi-browsing methodologies, allowing users to benefit from the most recent technological innovations and devices computing performance.

Focusing on latest Internet consumption trends, ABT user-centric methodology gives the ability to manage multi web content data / sessions, in various configurations, allowing among others multi-tasking and multi-screening facilities as per the application needs. By creating multi-web content environments (Boards), the applications that implement the Protocol can gain incomparable advantages such as the ability to serve their users with navigation through various Boards, and the facilities to save and share those Boards with other users, all within the scope of each application services to its users.

ABT does not represent a break in the application scope of services or their users' web consumption habits. In fact, it allows to smoothly experience the ABT benefits while maintaining both original full-screen web-content consumption and other multi screens displays enhanced with proposed blockchain-based feature improvements.

Compared to other browser market players, ABT and Addap's Browser market coverage is wider than that of Tor, which is based on a niche community seeking for confidentiality. ABT and Addap's Browser have a more comprehensive scope of services compared to Mist. Finally, Addap's Browser is based on current Internet content offering compared with Blockstack that, at the current stage, is based on a theoretical concept of decentralised Internet.

Placing the multi-browsing knowhow, the ABT wallet and its related blockchain technology in the heart of the ABT Protocols proposed to websites and application as Addap's Browser allows our company to provide users enhanced wide range of browsing related services to the benefits of our ABT community. ABT Initial Coin Offering (ICO) will allow us to continue improving our blockchain technologies and our browsing knowhow and capabilities to further enlarge our proposed protocols related to this market and to better serve our Protocol Clients, their users and our ABT community.

	ABT/ ADDAP'S	GLOOGLE CHROME	MIST
<b>ACCESS THE REGULAR WEB</b>	✓	✓	✓
<b>CRYPTOCURRENCY WALLET</b>	✓	✗ Not natively	✓
<b>CREATE AND SAVE A GROUP OF WEB CONTENTS</b>	✓ Saving a board	✓ Saving a group of tabs	✗
<b>VISUALISE MULTIPLE WEBPAGES ON THE SAME SCREEN</b>	✓	✗	✗
<b>ACCESS PROTECTED BY BLOCKCHAIN</b>	✓	✗	✗
<b>ABILITY TO PERFORM SUBSCRIPTION PAYMENTS THROUGH BLOCKCHAIN</b>	✓	✗	✗
<b>ACCESS THROUGH A VIRTUAL IDENTITY MANAGED THROUGH BLOCKCHAIN</b>	✓	✗	✗
<b>BOARDS MANAGEMENT THROUGH BLOCKCHAIN</b>	✓	✗	✗
<b>DOMAINS MANAGEMENT THROUGH BLOCKCHAIN</b>	✓	✗	✗



# A D D A P ' S B R O W S E R A B T

T H E  
A D D A P ' S  
B R O W S E R



SAFER , SMARTER, FASTER

/ 54.

## Boards and contents

With Addap's Browser, running on macOS, Windows, Linux, iOS and Android, you can open as many browsing sessions as you like on a single board. The board has an infinite height and is scrollable. All sessions are instantly and simultaneously active and visible in the form of windows-like including web content and/or web apps' browsing sessions to form your own online dynamic environment. Each of those window-like on your board is draggable and resizable to allow you a perfect multi-web personalized design. Each window-like on your scrollable board is a dedicated independent browsing zone, as functional as the one in the classic browser. You can efficiently consult multiple web-content at the same time and perform multi-screening and multi-tasking.

You can save the multi-web content boards to your library, and open it at any time in the exact state as when it was saved. You can even open multiple boards at the same time through the Addap's Browser Tabulation and switch from one board to another at the click of a button. You may share those Boards with others, and follow other people Boards.

With Addap's Browser composing your online environment thus becomes a creative and fun experience. Addap's facilitates your access to well-known web search engines such as Google, Yahoo, Bing, Yandex, Baidu to satisfy your navigation habits. You can further add to your board websites, apps, media players (movies, TVs, radio, and games), photos, files and many other features.

Addap's Browser helps you to structure and improve your web browsing habits. You save significant time while interacting with the web, thereby increasing efficiency. The reality is that each user who uses the Addap's Browser tools would discover its own personal benefits or business advantage due to its content infinite granularity and platform flexibility.

## Social Activity

With the Addap's Browser tools you can easily share a board with others. When browsing through the Social mode, you can discover other users' trending boards and links. You can further share and comment on any public board and, if you really like it, you can save those Boards to your own library.

## WebRTC communication tool

Addap's Browser offers to its users a communication embedded tool based on WebRTC development. This communication tool allows users to exchange text messages, perform audio and video calls, and, by a simple drag-and-drop, send a board, a web-link or a file to another member of Addap's Browser community.

## Collaborative boards

Using Addap's collaborative boards in the context of social browsing may boost users' creativity and productivity while sharing in real-time on the same board. Thanks to Addap's collaborative boards, users will be able to give full editing permission for one or more of their boards to selected users. These persons will be able to open new web-content windows-like, moving and resizing them, changing visual elements and saving those changes. Those brainstorming collaborative boards space will allow group of users a fluid dynamic exchange whether for leisure or professional needs.

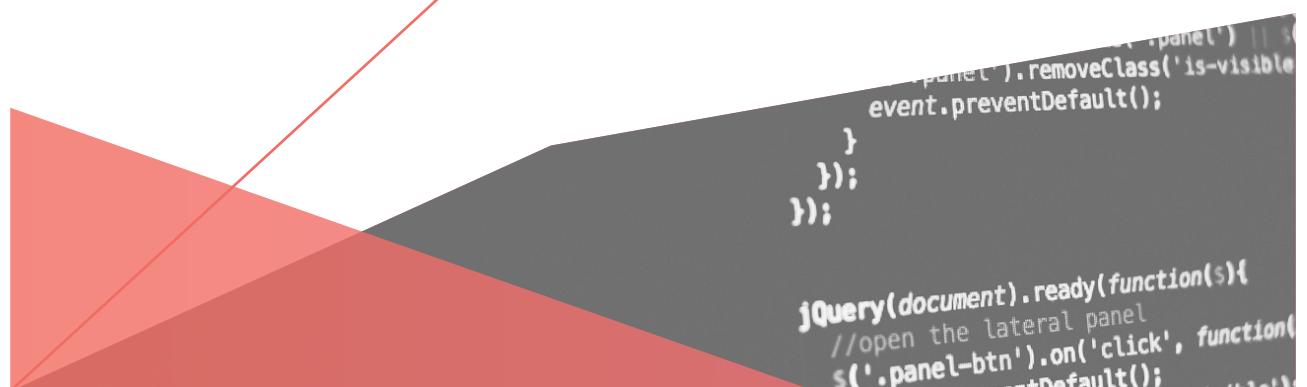
## Addap's Browser implementation of ABT Web Services

Addap's Browser is a natural match to the ABT technology. It has all the basic features needed to enable a full-scale implementation of the ABT Protocol. Addap's Browser has a multi browsing environment and main focus its users browsing experience through the entire browsing cycle. Its online environment active multi web session's boards allow saving and sharing environments. On top of managing complex tab usage, it allows the Addap's Browser users to easily perform multi-tasking and multi-screening. Protecting the Addap's users access to their Online environment and allowing them high level of data privacy through the ABT Virtual identity secured web access Protocol is a major step in protecting the Addap's Browser community. By implementing the ABT protocol, Addap's Browser enlarges and crystalizes its offering package to its users to enable them gaining from the blockchain advantages throughout their browsing activities. Addap's browser imminent support of the ABT Protocol shall allow ABT to get an immediate precious market and users experience return on its protocols.

While implementing the ABT Protocol premium features, Addap's Browser will propose to its users a set of services that shall include among others, Login by using the ABT Digital Secured Identity and Login identity, Boards Management backup using the ABT Boards and Bookmark management and Domain Management using the ABT Domains.

Addap's users consuming the above services will find ABT easy to manage in a user-friendly ABT wallet environment.

Addap's browser shall propose additional premium services paid in ABT that will use the protocol ABT payment facilities for social promotion as the following: Brands, influencers, and others, who simply want to share something publicly through an Addap's browser public board, will have the possibility to further promote their board within the Addap's Browser social discover section and make their public boards more visible to the Addap's community. This service will be paid for in ABT.



# T O K E N S A L E

Our goal is to sell a total of up to 250,000,000 abt tokens in ether (eth), at a fixed ratio of 1 eth = 3000 abt, during the pre-sale and the public sale period as per the terms and conditions here after.

**A B T**

**P R E - S A L E**



### Pool size:

Up to 250,000,000 ABT

Pre-sale is now on going

Buying ABT during pre-sale period will entitle the purchaser to get special bonuses at the discretion of the token issuer. The ABT Pre-sale shall be private under the term and conditions of the ABT private Pre-Sale.

### *ABT Token Allocation Example:*

Suppose a purchaser sends 1000 ETH during the pre-sale to buy ABT and that the token issuer offered 20% bonuses that was accepted by the purchaser. The purchaser shall be entitled to a total ABT allocation of 3,600,000 ABT.

$$1000 \text{ ETH} * 3000 \text{ (ABT/ETH)} + 20\% \text{ Bonus} = 3,000,000 \text{ ABT}$$
$$ABT + 600,000 \text{ ABT Bonus} = 3,600,000 \text{ ABT.}$$

## I S S U E T H E A B T T O K E N S

The ABT issuer shall create and issue the ABT Token (including token related to bonuses) to the pre-sale purchasers within 72 hours from the end of the pre-sale period, as per the ABT private pre-sale terms.

## A B T   P U B L I C   S A L E

### Pool size:

Up to 250,000,000 ABT less ABT sold during the pre-sale period

### Pre Public Sale start date:

December 23rd 2017, 10:00:01 UTC

### Expected Sale end date:

January 31st 2018, 10:00:00 UTC

Purchasers of ABT during the Public Sale period will be entitled to ABT Token following compliance with the Public Sale terms and conditions.



### *ABT Token Allocation Example:*

*Suppose a purchaser sends 1000 ETH during the Public Sale to buy ABT, the purchaser shall be entitled to a total ABT allocation of 3,000,000 ABT.*

$$1000 \text{ ETH} * 3000 \text{ (ABT/ETH)} = 3,000,000 \text{ ABT}$$

The ABT Token sale will terminate once all 250,000,000 ABT are sold or by the end of the Public Sale date, the earliest.

# I S S U E T H E A B T T O K E N S

The ABT issuer shall create and issue the ABT Token to the Public Sale purchasers upon reception of the funds during the Public Sale period, as per the ABT Public Sale terms.

# A B T   P R E - A L L O C A T E D T O   T H E   C O M P A N Y

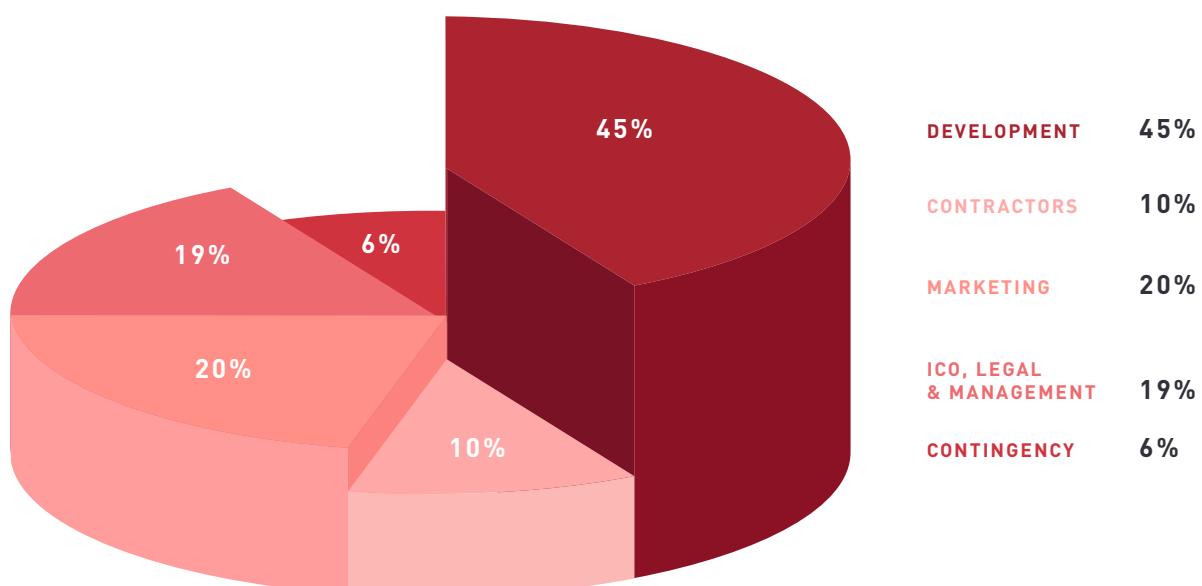
At the end of the sales period, the Crowdsale contract will create an additional separate ABT pool, equal to 50,000,000 ABT, to be allocated directly to the company and to be invested to the benefit of our ABT community (See in more detail in the section Pre-Allocated ABT here after).

# THE USE OF ETH FROM THE ABT PROCEEDS

The ETH that the company receives for ABT sold to purchasers during the pre-sale and sale periods will be used for the execution of the roadmap and the development of the company. It will be used to compensate the company engineers, staff & management, free-lancers and contractors, to cover for R&D development expenses, marketing expenses, company administration and operating costs as well as any approved app supporting ABT Protocol efforts relating the execution of the roadmap. It will further be used to cover for costs related to the execution of the ICO as well as to other administrative, legal and unforeseen costs relating to the company operations while executing its roadmap.

Below is a general guide to how ETH are allocated:

ETH allocation guide-line

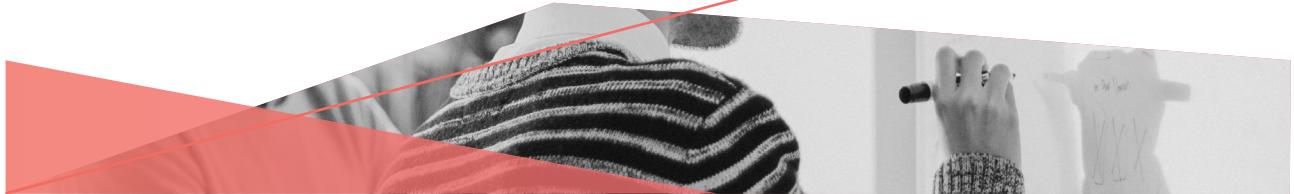


## Development

Our developers' team is composed of the company's co-founders as well as seven software engineers, all of whom graduated from the Polytechnic University - "Universitat Politecnica de Catalunya"<sup>2</sup> (UPC) in Barcelona (Spain), one of the best computer science schools in Europe<sup>3</sup>. You can discover more about the team in the "Core Team" section here after in this Whitepaper. We intend to dedicate 45% of the funds raised to support the existing R&D team and to further hire best-in-class developers in their domains of expertise. We want to hire additional 7-14 developers in the next 24 months. Of the new developers, around 30% will be additional solidity developers, reinforcing the existing developers' team while dedicating time and efforts to the improvement of the ABT Smart-Contract. The other 70% will work on accelerating the ABT Protocol framework and integration follow-up and assistance to services such as websites and apps, companies and individuals supporting the ABT Protocol.

## Marketing

The second most important area of the budget will be scaling up our marketing operations. We intend to dedicate 20% of the funds raised to reinforce our team with an additional 5-7 persons fully dedicated to ABT marketing, supporting the ABT open source community and alliances and its various integration activities. We intend to dedicate time and money to joint marketing programs with applications and websites. We also intend to dedicate part of the marketing budget to be directly related to promotion programs of our technology. We plan to communicate about ABT via various communication channels on a regular basis. Efforts will be made to work on the integration of the ABT<sup>4</sup> framework into other websites and apps, explaining the advantages offered by ABT for established services, promoting ABT benefits to end users, and lobbying for ABT technology through seminars and events.



<sup>2</sup> <https://www.upc.edu/>

<sup>3</sup>UPC is globally ranked #1 in Spain and #36 in Europe. Rank #101 in the World in Computer Science, #51 in the World in Mathematics, #84 in the World in Engineering and Technology.

<sup>4</sup>The subscription system, for example

## ICO, Legal & Administration

We allocate budget to cover for all legal, marketing and advisors costs related to the Initial Coin Offering operations, including software bounty and audit, marketing bounties, legal and advisors fees and incentive to team and founders. We further allocate budget to support various legal activities including corporate law relating to product and businesses compliances as per international and local requirements. ABT will further need to allocate efforts and time to administrate its operations in term of general administration and support, management of its operation and its relations with the market, partners and users. We intend to dedicate around 19% of the funds raised to cover for those activities. For transparency and meeting regulation and in the respect of its community, the company intend to audit its accounts on a regular basis.

## Contractors

We intend to spend 10% of the funds raised on external professional services such as graphic designers, UI advisors, infrastructure costs such as Amazon Web Services and other.

## Recruitments

In order to execute the ABT roadmap within the development scope and timeline as described above, and in order to support and coordinate with the open-source ABT growing community and ABT alliance partners, we will need to revise our company structure.

Following the Token sale, we intend to reinforce our team with the following recruitments:

- 2-4** – Solidity smart contract developers
- 1-2** – Blockchain infrastructure experts
- 4-8** – Javascript developers
- 2** – ABT Product marketing & open source managers
- 2** – Alliances managers
- 1** – ABT Marketing director
- 1** – ABT Controller

# P R E - A L L O C A T E D                                    A B T

At the end of the ABT Public Sale period, the ABT Smart-Contract system will create a separate pool of 50,000,000 ABT pre-allocated directly to the company.

The majority of this amount will be invested to the benefit of our ABT end-users and community apps through various incentive plans, focusing in increasing our community technology knowledge base, improving the quality use of our ABT tools, stimulate our ABT end users, and provide special rewards to ABT team upon achievement of defined targets in connection to the satisfaction and growth of our ABT community.

# ABT Reward Programmes

We intend to spend 10% of the funds raised on external professional services such as graphic designers, UI advisors, infrastructure costs such as Amazon Web Services and other.

Open Source Community	<b>15%</b> – spent over 4 years
Apps supporting ABT	<b>15%</b> – spent over 4 years
ABT team	<b>15%</b> – spent over 4 years
Token Sale Bounty programs	<b>15%</b> – Spent once Token Sale ends

The remaining 40% of the Pre-Allocated ABT will be maintained by the company, as a reserve for specific future needs.



## Open Source and Apps implementing ABT reward programmes

While promoting and implementing the ABT Protocol, we will closely collaborate with the open source community and our partners. We will regularly reward special achievements that improve the performance of ABT and the benefits of the ABT users. Such Rewarding Programmes will be issued and published regularly and will correspond to specific measurements and achievements that entitles to the rewards.

## ABT team reward programmes

We will organise from time to time internal reward programmes offering ABT to our team when reaching important milestones that contribute to our ABT operations.

## Token Sale Bounty programs

We organize through the ABT Token private pre-sale and public sale period various bounty programs, mainly for the ABT Token sale marketing, translation and audit activities.

# C O R E T E A M

## F O U N D E R S



**Daniel Febrero Martin**

Co-Founder, COO and CTO

Daniel studied at the HEC University (École des hautes études commerciales) in Lausanne, Switzerland. Before joining ABT & Addap's, he worked for hedge funds and brokers as a full-stack contractor. Daniel developed a set of custom tools and algorithms in order to improve brokers daily productivity and trading. Daniel specialises in ERP and CRM full-scale development. He created the world's first trading bots for wine markets in 2010, and a portable scanner that maps and gives statistics about all mobile phones in the vicinity in 2012. He has been programming since the age of 12. During the last three years, Daniel has specialised in browsing tools and blockchain development.



**Adi Sossover**

Co-Founder, CEO

Adi graduated from the Hebrew University of Jerusalem in Economics and Finance. He has performed various executive functions in software companies throughout Europe, the USA and Asia (including: Tecnomatix/UGS, now part of Siemens AG; and KDS, now part of the American Express Group). Adi specialises in ERP and CRM worldwide deployments. During the last three years adi is involved in deploying innovative browsing tools and related blockchain technologies. Prior to the ABT and Addap's development projects, Daniel and Adi jointly orchestrated an international CRM/ERP development successfully delivered and deployed in Europe, Asia and the USA.

# DEVELOPMENT TEAM



# Emilio Soca Herrera

## Blockchain developer, Javascript expert.



# Daniel Tiati Dang

## Blockchain developer and Data Scientist.



# Gemma Ferreras Barrero

Mobile and desktop developer.



# Laura Chacon

## Mobile developer.



# Ramon Raindo Portillo

## Desktop developer.



# Marc Capdevila Canadell

## Desktop developer.



# Alex Oviedo Tinoco

## UX developer.

# MARKETING TEAM



# Louise Andersson



# Ewa Gruszka

## Eastern Europe & Russia.



## Csilla Bendik

### Western Europe & Asia.



**Andrea Llamas Olmedo**  
South Europe & Central  
and South America.

## A D V I S O R Y   B O A R D



### Virginie Lazes

Managing Director | Rothschild Global Advisory Transactions

Virginie graduated from Sciences PO University. She has 20 years of highly successful track records in M&A specializing in Technology, Media, Telecom, Software and Digital.

After exercising executive positions in Close Brothers & Bryan Gainer, Virginie is now a managing partner at Rothschild Global Advisory in Paris.

Virginie is part of ABT advisory board team, and participate in advising the company for its international business development and growth strategy.

## C O M P A N Y   B L O C K C H A I N S T R A T E G Y   A N D   T O K E N S A L E   A D V I S O R S M E M B E R



### Yacine Teraï

CEO | StartupToken

Yacine is a savvy entrepreneur with 15+ years in the global technology start-up space.

Enriched by his sharpened sense of business creation, he developed a capacity to discover cutting edge projects and game changers.

Member of the Blockchain Investment Consortium, he is the founder of StartupToken, a global accelerator and consultancy guiding start-ups through every stage leading to the token generating event. He is the CEO of Tokens Capital Blockchain investment firm and VC for Consilium, the first ICAP ISDX Blockchain investment company to be publicly listed. He is also a speaker, angel investor and educator on Blockchain & crypto investment space.



## Eddy Travia

CEO and Co-founder of Coinsilium Group  
Co-founder at Block Chain Space

Eddy Travia is a pioneer investor in blockchain technology startups and the CEO of Coinsilium, a London-based investment company that finances and manages the development of early-stage blockchain technology ventures. Coinsilium shares are quoted on NEX Exchange in London (NEX: COIN).

In July 2013, Eddy co-founded Seedcoin, the world's first global incubator of Bitcoin startups and, in November 2013, organized the first industry conference in Asia (in Singapore) and was named among the 'Top three Most Influential Investors' at the Blockchain Awards in May 2014. Eddy has led early-stage investments in 17 blockchain companies around the world, including Factom, RSK, SatoshiPay, Minebox, CoinDash and Indorse.

An early believer in the impact of blockchain technologies, Eddy delivers keynote speeches around the world, advises corporates and financial regulators, and also helps blockchain entrepreneurs to fund and grow their ventures.

<https://uk.linkedin.com/in/startupeddy>  
<https://twitter.com/startupeddy>  
<https://www.facebook.com/StartupEddy/>  
<http://www.coinsilium.com/>

# LEGAL CONSIDERATIONS

ABT TECHNOLOGIES  
LIMITED ( GIBRALTAR )

Through developing the Addap's Browser and promoting ABT, we strive to act in accordance with the best practices in the market and ensure that our services and application usage are well aligned with current rules and regulations. In the best interests of our communities, our contracts are reviewed by leading law firms to ensure compliance with the regulations in the USA and Europe. Our source-code is audited through an open bug bounty programme and Ethereum Smart-Contracts experts. We have worked with ISOLAS LLP law firm in Gibraltar insofar as Gibraltar law touch points are concerned. Our company is incorporated in Gibraltar under the name of ABT Technologies Limited.

# P O S S I B I L I T Y   O F C H A N G I N G   A B T   T O K E N F U N C T I O N A L I T Y

Please note that ABT Technologies limited is in the process of undertaking a legal and regulatory analysis of the functionality of ABT. Depending on the conclusion of this analysis, we may decide to amend the intended functionality of ABT in order to ensure compliance with any legal or regulatory requirements. In the event that we decide to amend the intended functionality of ABT, we will update the relevant section of this Whitepaper and upload the latest version to our website.

## D I S C L A I M E R

This Whitepaper does not constitute a prospectus or offering document, and is not an offer to sell, nor the solicitation of any offer to buy any investment or financial instrument in any jurisdiction. ABT should not be acquired for speculative or investment purposes with the expectation of making a profit or immediate re-sale. No promises of future performance or value are, or will be, made with respect to ABT, including no promise of inherent value, no promise of continuing payments, and no guarantee that ABT will hold any particular value. ABT are not part of ABT Technologies Limited and ABT holds no rights in ABT Technologies Limited. ABT are sold as a functional good and all proceeds received by ABT Technologies Limited may be spent freely by ABT Technologies Limited absent of any conditions.

This Whitepaper is for information purposes only and is subject to change. ABT cannot guarantee the accuracy of the statements made or conclusions reached in this Whitepaper.

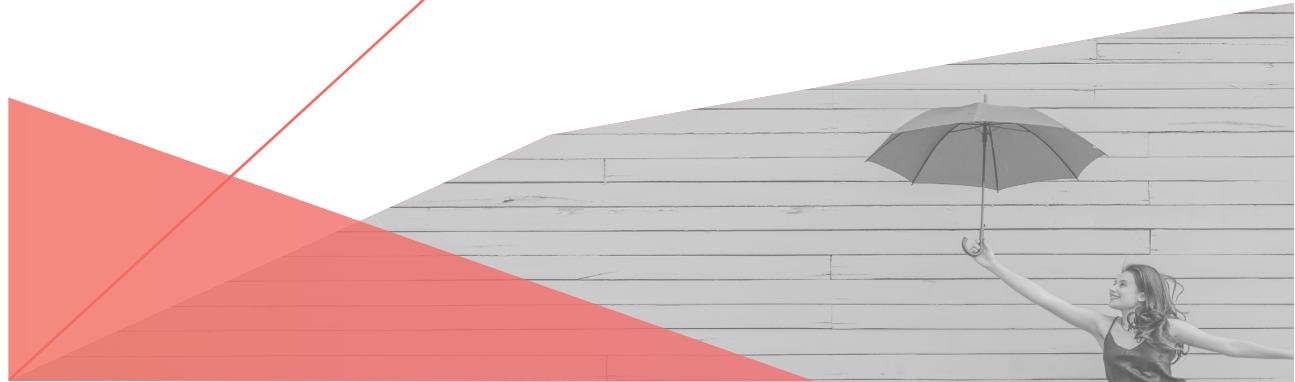
ABT does not make and expressly disclaims all representations and warranties (whether express or implied by statute or otherwise) whatsoever, including but not limited to:

- 01 –** Any representations or warranties relating to merchantability, fitness for a particular purpose, suitability, wage, title or non-infringement; and
- 02 –** That the contents of this Whitepaper are accurate and free from any errors; and
- 03 –** That such contents do not infringe any third-party rights. ABT shall have no liability for damages of any kind arising out of the use, reference to, or reliance on, the contents of this Whitepaper, even if advised of the possibility of such damages.

## R I S K   F A C T O R S

The following are the risk factors in relation to ABT in general and the Token Sale event in particular.

- 01 –** ABT may not reach the target sale amount and may not have sufficient funds to execute its business plan.
- 02 –** ABT may be significantly influenced by digital currency market trends and ABT value may be severely depreciated due to non-ABT related events in the digital currency markets.
- 03 –** ABT and its Protocols client implementation is a complex innovative software solution deployment and its launch may be significantly delayed due to unforeseen development barriers.
- 04 –** The use of ABT may come under the scrutiny of governmental institutions. The positions and plans outlined in this Whitepaper may be altered as the project progresses.



# LEXICON

**ABT** – Advanced Browsing Token. It is the name of the ERC223 Token developed by ABT Technologies Limited.

**Addap's** – Browser supporting the ABT Protocol.

**Board** – Concept of web-content and web-apps aggregation displayed in windows, disposed in an infinite scrollable zone.

**Domain Name System** – Service in charge or resolving a name to an IP. In the context of this Whitepaper, the ABT Domain Name System resolve a name to a Board or a Bookmark.

**ETH** – Ether. Cryptocurrency used on the Ethereum Network.

**Framework** – Set of tools that facilitate the construction or implementation of a service.

**Private Key** – In the context of this Whitepaper, it is a secret and unique string representing a wallet.

**Public Key** – a cryptographic key that can be obtained and used by anyone to encrypt messages intended for a particular recipient, such that the encrypted messages can be deciphered only by using a second key that is known only to the recipient (the private key).

**Protocol** – In the context of this Whitepaper, it regroups the different tools and features of the ABT Smart-Contract.

**Service Provider** – In the context of this document, it can be a SaaS website, a streaming app, a real estate agency or any other company processing recurrent payments through subscriptions.

**Solidity** – Language used to develop the ABT Smart-Contract that will be executed on the Ethereum Virtual Machine.

**Smart-Contract** – Code deployed on the Ethereum Virtual Machine. It is the heart of the Protocol.

**Transaction** – In the context of this Whitepaper, we speak about any code execution on the Ethereum Virtual Machine that consumes gas. Free code calls are excluded from the “transactions” in this Whitepaper.

