

# How does Fragment work?

[Fragment](#) is a **free platform** which facilitates the transaction of collectibles between users. It supports direct, **secure** and **anonymous** sales as well as **public auctions** where everyone can participate over a period of time. To provide this service transparently, Fragment takes full advantage of [TON](#), a blockchain technology initially developed by Telegram.

If you have used similar platforms before, go ahead and connect your Telegram account and your [TON wallet](#) to [Fragment](#). You can then bid on any available auction, either in the featured list on the **homepage** or via the **search bar** at the top.

If you are not familiar with these terms and don't know where to start, simply follow the handy [tutorial](#) available below.

## What is a Collectible?

A **collectible** is a unique digital asset that is **permanently recorded** on the public TON blockchain. TON offers a free, distributed and secure interface for developers to integrate collectibles into their platforms.

Once you obtain a collectible, it is yours **forever** and you are free to show it off, sell it, or take advantage of the features it unlocks. The unique functionalities tied to collectibles will depend on how each platform chooses to support them.

[Telegram](#) chose to implement its first round of available collectibles as catchy and secure usernames usable within its fast-growing ecosystem. Other services are free to integrate collectibles to unlock cross-platform, permanent perks for their users.

## How can I purchase collectibles?

You can purchase a collectible on [Fragment](#) by exchanging it with a special currency called **Toncoin** – the amount you need will depend on what the current highest bid is, just like any other auction.

To use this currency you must first [create a secure wallet](#) to store it, [deposit new funds](#) in it and finally [connect it to Fragment](#).

If you're running into any issue while following this tutorial, check out the [FAQ](#) section below.

## Creating a Wallet

To create your wallet, simply tap on [this link](#) and install the **Tonkeeper** app with one of the available buttons. Once you have installed it, tap on *Get Started > Create New Wallet* and follow the instructions on the screen.

You'll soon be presented with a numbered list of words – this is the equivalent of your **password** and you **must** write it down or store it securely. Failure to do so **will** result in the irreversible loss of your wallet, funds and collectibles.

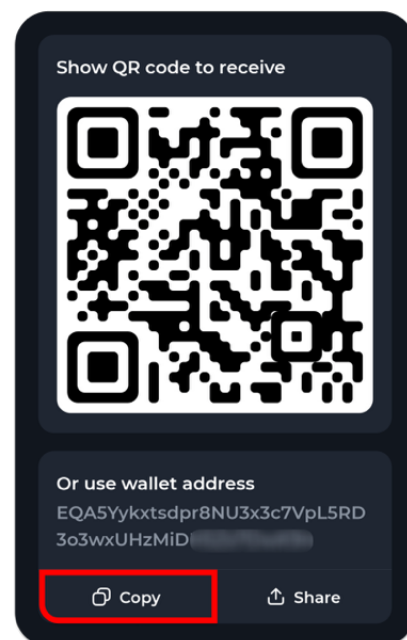
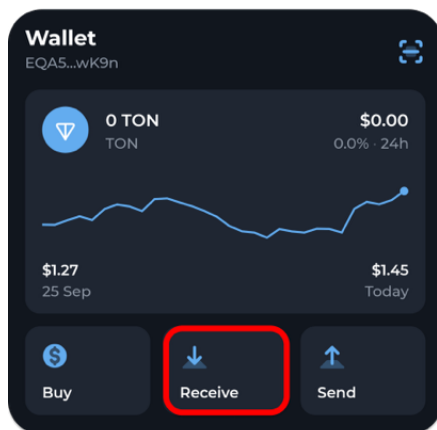
With non-custodial wallets like TonKeeper nobody holds the keys to your funds but you. While this is very secure, it also means that if you lose the keys nobody will be able to help you restore them; be sure to **back up your credentials**.

## Depositing funds

Once your wallet is ready, you'll have to **deposit funds** in it. To deposit existing TON stored somewhere else (e.g. from a friend, family, etc.), scan the **QR code** under the *receive* button. If you **do not own** any TON, you will need to buy it.

A list of reputable platforms which offer this service is available [here](#); some of them may ask for a form of identification – this is to be expected as you will be exchanging funds.

No matter which platform you pick, be sure to insert **your wallet address** when you are prompted for one – if you don't insert the correct wallet address, your funds may be lost. For maximum safety, copy-paste your wallet address directly from the app.



**Do not** send funds to the address in the screenshots above – they just provide an example of where to look **in your own wallet app**.

Don't panic if your new funds don't appear immediately! Transactions usually happen within seconds, but may sometimes take longer. If you still don't see them after 30 minutes, check out the [FAQ](#) section below.

## Connecting to Fragment and Telegram

Once your funds show up in your **wallet**, open [Fragment](#) and use the button in the top-right corner to **log in**. You will find a Telegram **login widget** where you can enter your phone number in international format. Other users **will not** see your Telegram account or phone number, even if you participate in an auction.

After logging in with Telegram, use the **Connect TON** button to **log in with Tonkeeper**. If you're using Fragment from a separate device, simply scan the **QR code** from your Tonkeeper app; if you're using the **same phone**, tap the button right below the QR.

Remember that the Tonkeeper app has a built-in QR scanner in the top-right corner of the screen.

## Bidding TON

After connecting to Fragment you're all set and ready to bid on **any available collectible**. To do so, tap on one of the available auctions, enter an amount, confirm it and pay via Tonkeeper – just like you did when you were logging in.

During bidding, whoever's bid is first to the blockchain will get the bid at that price. If your bid wasn't reflected in the blockchain before the auction ends, you will get the money back and lose the bid. Your money will also be returned if somebody else outbids you.

More details on how to use your collectibles on Telegram will be available soon. Purchased usernames may not be immediately available on Telegram – they will be supported on official clients as new updates are released in the coming days.

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## Putting Usernames Up For Auction

If you own a collectible, you are free to either sell it directly or auction it to the public at any time. To do so, tap on [My Assets](#) and select either *Put up for auction* or *Sell username* depending on what you want to do.

If you decide to auction one of your assets, remember that you can set an optional **maximum price** which, if paid, will immediately end the auction. Note that collectibles are subject to a **5% royalty fee** on each transaction.

## Auctioning Basic Usernames

It will soon become possible for owners to **auction** their existing **basic** Telegram usernames to the public – doing so will permanently convert them into **collectibles**. Stay tuned for more information.

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## Assigning Collectible Usernames to Telegram

You can assign **collectible usernames** to your personal Telegram **profile** or to Telegram public **groups** and **channels** you own. Any of these entities can have up to **one** basic username and **any number** of collectible usernames – you can also customize the order in which collectibles appear in the chat's info page, or toggle them off entirely.

## Connecting to Fragment

Before you can assign a username, you must connect both your **Telegram account** and **TON wallet** to Fragment. To do so, follow the instructions available [here](#).

Note that the wallet you are connecting must be the one currently holding your collectible – if you don't see any asset in your wallet please check our [FAQ](#).

Fragment **doesn't store** any information that could tie your wallet to your Telegram account.

## Assigning your collectible

Open the [My Assets](#) page and tap on 'Assign to Telegram', then select a chat and tap 'Assign' to confirm your choice.

This choice is not permanent, you can pick another chat at any time.

## Activating your collectible on Telegram

Once your collectible has been assigned, it will not redirect to your designated chat right away. To activate and list it in the public info page of your chat, you have to **manually enable it**.

To do so, follow these simple steps:

**Personal Profile:** Settings > Username > Enable and sort the available usernames as needed.

**Public Group:** Open your group settings ( : *Android*, '*...*' *iOS* ) > Group Type > '*Links order*' > Tap on your collectible to enable it.

**Public Channel:** Open your channel settings : *Android*, '*...*' *iOS* ) > Channel Type > '*Links order*' > Tap on your collectible to enable it.

Older Telegram clients may not show any username beyond the first on the info page of your chats.

## FAQ

This is a list of frequently asked questions on Fragment and Telegram collectibles.

### Q: I deposited some money but my wallet is empty, what happened?

Not to worry, this is likely due to one of the following reasons:

You did not wait long enough – most transactions take a few seconds, but some might take 30 minutes or more.

You are looking in the wrong place, funds will not appear directly on Fragment, they're only visible in your **Tonkeeper wallet**.

You have selected the wrong wallet within Tonkeeper. One “account” can contain several wallets; to fix this, go to *Settings > Active address* and try rotating through them until you find the one with your funds.

Your transaction didn't go through – check with your bank or credit card, as some may deny unusual purchases automatically.

### Q: Why is the collectible I want marked as unavailable?

Some collectibles may be reserved and will become available at a later date. Others could have been bought before you.

Pre-existing usernames that are currently in use on Telegram can't be used for auctions, however, their owners may get a chance to convert them into collectibles in the future.

### Q: I won an auction but can't see the collectible in my assets. What happened?

This technology relies on a distributed network, transactions can take some time. Most transactions will only take seconds, but please allow up to 30 minutes for your collectibles to

appear.

### Q: I assigned a collectible but can't see it on Telegram, why?

This is likely due to one of the following reasons:

You did not [enable the collectible](#) on Telegram – this is **not** the same as assigning it on Fragment, it's a separate step.

You are using an outdated client that doesn't support collectibles - please **update** your app to version **9.1** or above.

You are looking at a cached or outdated menu, please try fully **closing** and **reopening** your app.

### Q: Will I lose my collectibles if I lose my phone/account/session/phone number?

**No**, as long as you safely store the backup credentials (i.e. word list) of your TON wallet, your collectibles will **always be safe** and you can reassign them to a new Telegram account at any

[Connect Telegram](#)

[Connect TC](#)

### Q: Are my collectibles tied to any specific platform?

**No**, as long as you safely store the backup credentials (i.e. word list) of your TON wallet, your collectibles will **always be safe** regardless of which platform you use them on.

### Q: Can I integrate collectibles into my own platform?

**Yes**, the TON blockchain is publicly accessible and anyone is free to reference collectibles or use them within their own platform.

### Q: I lost my wallet, can Fragment recover it?

Fragment is not able to restore wallets as it never stores or comes into contact with private credentials. Wallets are strictly private and it is the responsibility of the owner to ensure that the recovery keys are properly stored.

### Q: I bought a collectible but now I'd like to buy a better one, can Fragment replace it?

All purchases are final since ownership is permanently fixed in the blockchain, however, nothing prevents buyers from purchasing multiple collectibles.

### Q: What happens if somebody places a higher bid than me?

If somebody places a higher bid your Toncoins will be refunded automatically. Funds will normally reappear in your wallet within a few seconds, but this may sometimes take longer

due to the nature of the blockchain network.

**Q: I have the highest bid in an active auction but would like to place an even higher bid. Will I lose my funds?**

**No**, any time someone (including yourself) outbids you, your previous bid will be refunded immediately.

**Q: I sold my collectible but I want it back. Can Fragment revert the transaction?**

Transactions are permanent – this secures your entities but also means that once a purchase is finalized it cannot be undone. Of course, you are free to buy back the collectible from its new owner, if they agree.

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