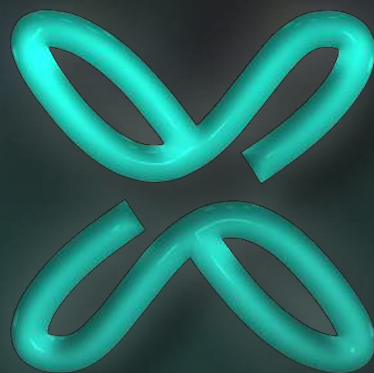




XSnipe

The First MultiversX NFT Sniper Aggregator

Whitepaper

V2 - February 2023

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1. INTRODUCTION

Why did XSnipe appear in the first place?

As members of this team, we were among the first users of NFTs on the Elrond network, currently known as MultiversX. Seeing the huge potential for growth and taking into account the advantages of the network compared to competitors (true ownership, speed, very small transaction fees), we started out with a small, in-house project, a basic tool that would trigger an alert when an NFT within a certain price range was listed. Later, the code became more complex, taking into account more variables, and that's how the idea of a website emerged. As the code/project grew, we felt the need to reshape and rethink everything into XSnipe.

Being advocates of the theory that nothing can grow without mutual help and support, and considering the use of the tool we created for our own benefit to be a form of selfishness, we believe that the time has come to share the fruits of our labor with the entire MultiversX community.



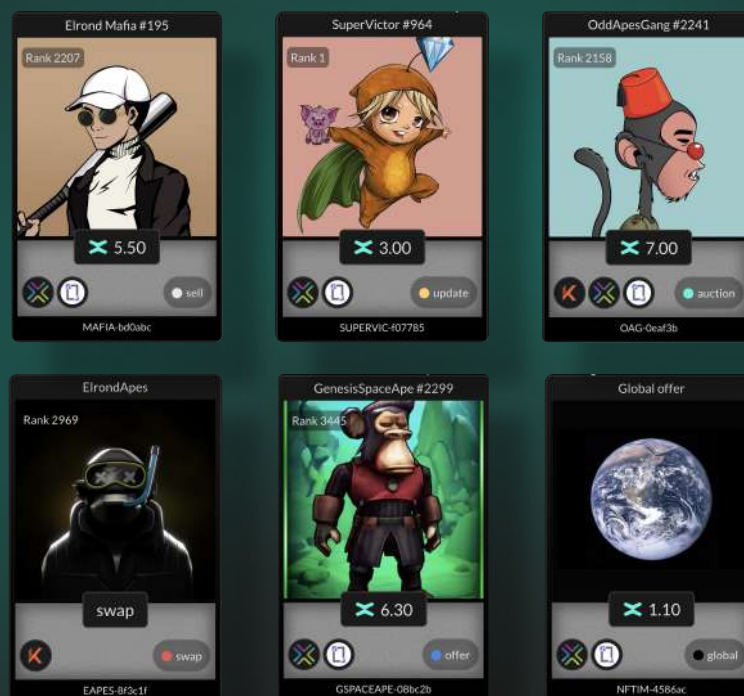
2. ABOUT THE TOOL

As a sniper aggregator, it made no sense to clog the interface with posts other than recent ones. XSnipe queries the MultiversX API, extracts, and decodes the most recent postings from the following marketplaces, displaying them in order of appearance:



The information displayed include listings, price updates, auctions, swaps, offers and global offers but user has the ability to filter this information at any point.

Because we are talking about a sniper aggregator, we wanted the reaction speed to the appearance of a suitable offer to be the defining element. By taking data directly from the MultiversX API and not from marketplaces, we were able to avoid display delays and open up a new window of opportunity - displaying pending transactions.



2.1 Pending transaction

XSnipe offers users a key feature that enables them to view announcements a few seconds prior to their official release on the original marketplace. This advanced preview feature provides users with a distinct advantage over competition, particularly in the case of highly sought-after or "hunted" offers. The time frame for the advanced preview feature may vary depending on the state of the MultiversX network, the API response speed, and the refresh rate of the application. However, this feature provides users with the ability to make informed decisions and stay ahead of the competition. Transactions in progress can also be easily identified through the yellow frame displayed around the price, as demonstrated in the accompanying example. This feature allows for greater control over the purchasing process and enables users to make more strategic decisions.



2.2 Direct buy

Although the display of pending transactions offers an important advantage to users, those seconds can be used to make a purchase decision and access the announcement on the original marketplace, we wanted to take the utility level of the tool even further by implementing a new function - direct buy. Direct purchase from the application is possible after connecting to the XSnipe interface using one of the login methods.

When you click on an NFT, a dialog box like the one in the example below opens. In addition to information about the collection, attributes, royalties and links to the marketplaces where it was listed, in the lower left corner you have the "Direct buy" button that allows direct purchase through the application.

XSnipe does not charge any commission or fee, these are charged by the marketplace where it was initially listed and they are also the ones responsible for paying royalties to creators.

Note that this key feature is typically accessible before the transaction is finalized, so you can start the purchase even before the NFT shows up on the originating marketplace.



2.3 Custom alerts

The speed of reaction to the acquisition of good offers also implies that the user need to be notified of their availability by setting customized alerts. The number of alert criteria is not defined and can go down to detail, from setting the collection ID, the price range, rank and even the attributes by manual input.

To add a custom alert, press the "Add alert" button and a dialog window will be displayed. Here you have the option to select the sell type, the collection using the autocomplete function, a price range for the desired NFT and a rank margin. You also have the option to add one or more "custom attributes" making sure to avoid any spelling (punctuation, capitalization) errors. You can add an unlimited number of alerts and you can edit or delete them by pressing the "Edit my alerts" button.

When an alert is triggered, the respective NFTs will be framed with a red border and a specific sound will be played through the speakers. You can stop the alert by pressing "Postpone alert" in the lower right corner of the screen. Important note: The browser prevents sound playback if there has been no prior interaction with the document, so if after you press the refresh button, the "Add alert" button appears framed in red, it is recommended to click anywhere on the page to benefit from audio alerts.

sell, update DRIFTERS-efd96c, max 3 EGLD, rank <= 7000 [Skin == Platinum]

Sell type:

☒ Sell ☒ Update ☐ Auction ☐ Swap ☐ Offer ☐ Global offer

Collection identifier:

DRIFTERS-efd96c

It is strongly advised to include a collection identifier in alerts in order to avoid scams.

Price (min / max):

0 (MIN) 3 EGLD

Rank (min / max):

Rank min: 0 7000

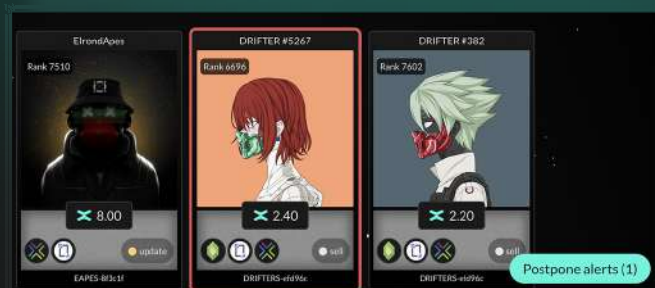
Enter custom attribute:

Skin == Platinum

Attributes are case sensitive. Make sure to double check both the name and the value.

[add custom attribute](#)

Save the newly created alert Reset form



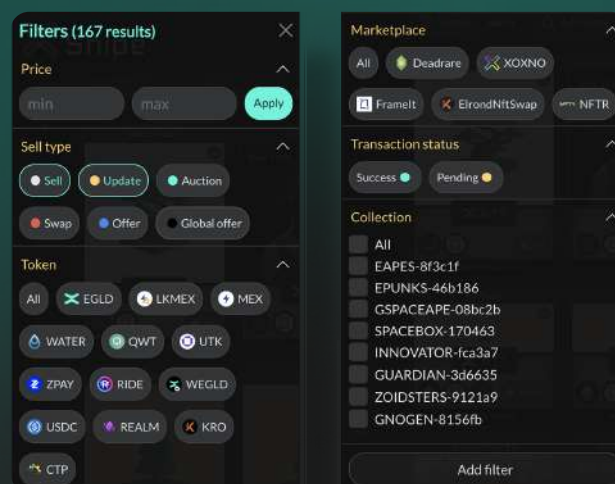
2.4 Filters

The interface of XSnipe allows for a high level of customization and flexibility through the use of filters. This feature allows the control the types of listings displayed on the screen, making it easier to find the specific items that you are looking for. For example, you can choose to only display offers for sale and price updates, and hide all other types of listings such as auctions, swaps, offers, and global offers. This can be useful if you are only interested in buying a specific item and don't want to be distracted by other types of listings.

The available filtering options are: price range, sell type, token, origin marketplace, transaction status and collection. In addition to predefined collections, you can also filter by manually entering a collection ID or a specific attribute. This feature can be very useful if you are looking for a specific item and want to quickly filter out everything else.

To manage or edit your filters, you have two options available. You can either press the "Show filters" button and delete the desired filters or you can open the filter dialog box by clicking on "Filters" and edit or add new filters. This feature allows you to easily manage your filters and make any necessary adjustments as you search for your desired items.

It's important to note that these filters can be combined to create a customized view of the recent listings. By using a combination of filters, you can quickly and easily find the specific items you are looking for.



3. COMPLETED STEPS

- Display rankings;
- Include rankings into alert creation modal;
- Incorporate new marketplaces: Elrondnftswap and NFTR;
- Promoting via twitter - NFT giveaways;
- Create an optimised user-friendly adding alerts modal;
- Implement autocomplete function for alert modal - collection identifier field;
- Create and migrate to a upgraded backend version;
- Create easy steps tutorials for XSnipe basic functions;
- Create a discord server;
- Redesign NFT cards;
- Whitepaper V1 launch;
- Display EGLD wallet balance;
- Create FAQ section on app;
- Update backend to display "bulk listings";
- Update MultiversX EGLD token logo in app;
- Integrate price-updates listings;
- Introduce "Refresh" push button for new version of app;
- Replace card pictures with native CSS code to lower browser used resources;
- Create new logo incorporating MultiversX defining colours;
- Create XSnipe MultiversX wallet and HT;
- Display new sell types: "offer" and "global offer";
- Display specific traits if applied to "global offers";
- Update the UI of the alerts sidebar and group alerts by collection identifier, alphabetically;



4. FUTURE STEPS

As we can't continue indefinitely to financially support the infrastructure behind XSnipe from our own pocket (databases, servers, website, developer partners) and any future developments and improvements require additional funding, we are exploring the option of launching a collection of NFTs as a mean of finance our expenses. The details have yet to be fully established, but we plan to limit access to certain features on XSnipe, such as displaying transactions in progress, to users who own a specific NFT from our collection, thus incentivizing its purchase. For the users who don't want to purchase this NFT, XSnipe will continue to function but with certain limitations, TBD.

4.1 Near term roadmap

- ◆ • Implementing "First Steps Modal" window;
- ◆ • Better way of parsing/displaying SFTs information;
- ◆ • Increase the speed of listings originating from ElrondNftSwap;
- ◆ • Redesign the filters modal and implement autocomplete function for certain fields;
- ◆ • Create testing environment;
- ◆ • Adding a copy to clipboard option for certain text such as the collection or NFT id;
- ◆ • Create a preferences modal window to help users choose between different settings, such as:
 - user interface settings;
 - notification settings;
 - alert settings;
 - import/export for defined alerts between devices.

4.2 Mid term roadmap

- Incorporate additional marketplaces, such as Eneftor;
- Add authentication via MultiversX adress;
- Update the displayed interface corresponding to the NFT plan: free, basic, pro;
- Move storage for user server-side;
- Enable notifications in discord/other apps in a testing version with browser processing;
- Develop and launch a unique collection of NFTs with levels of access to the website's features;
- Promote the project within different communities on MultiversX to increase the adoption.

4.3 Long term vision

- Migrating background processing to server and implementing offline notifications for discord/other apps;
- Adding options and features based on user feedback and demand;
- Depending on the level of funding we are able to raise through our NFT collection, we plan to collaborate with other specialized developers and explore the option to create and launch a phone app (for android and IOS) that sends users push notifications when an alert is triggered and allows for the viewing and direct purchasing of NFTs within the app.

5. TEAM

Given that the the use of XSnipe is completely free, we have chosen to initially maintain anonymity in order to build and develop the tool with a focused and calm approach.

However, as the application grows and gains more users, we are open to revealing our identities if requested by the community.

Until then, we are:

Mr. Gray



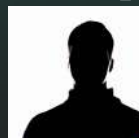
The mastermind behind the website. A software engineer and developer with over 15 years of experience in the field, currently working as a programmer for well-known companies. Passionate about IT, blockchain and NFTs.

Mr. Arr



A programmer with extensive experience in the field, creator of robust backend architectures designed for large-scale use, capable of supporting a massive number of users.

Mr. Tog



A blockchain enthusiast with over 15 years of experience in organization management and a passionate freelancer in web design and graphics.

6. CONTACT US

- Website: <https://xsnipe.me>
- Twitter: <https://twitter.com/XSnipeMe>
- Discord: <https://discord.com/invite/DRGY8J7tjr>
- Email: contact.xsnipe@gmail.com

With ❤️, XSnipe team.