

What is Cryptobento?

Cryptobento is a decentralized application (dapp) that allows to earn random rewards by purchasing digital boxes via cryptocurrency EOS or other tokens on EOS blockchain. Here you can open mysterious boxes that often contain prizes in a form of EOS or BENTO token. What is a mystery box? Sometimes it's called a "loot box" or "surprise box". It's a game of chance when you open a case and get one random item out of it.

Traditionally these types of games involve physical items to be discovered during the revealing stage but to make it more exciting and novel we've implemented a digital version where people earn tokens that represent a real value from a set of assets provided by the system.

Psychology behind random rewards

Random reward or mystery box is a form of gamification that is often used by gaming companies to increase an engagement level for their games and create more loyal fans who will keep coming back to receive this fulfilling emotion.

By the way, according to behavioural theory, there are several core drives that can make a game satisfying or even obsessive. Among these drives are Unpredictability & Curiosity. See, people are ready and willing to spend their funds to achieve a fun experience that doesn't have a fixed and permanent outcome.

BENTO token

BENTO is an EOS based token, an internal asset of Cryptobento game. It is used as one of the random reward options within the game, can be used to buy special items within the game and can be traded on exchanges after the listing stage is complete.

What tools do I need to play Cryptobento?

In order to play any EOS based game, you need to have an EOS account, a [Scatter](#) or a wallet compatible with Scatter ([Paytomat Wallet](#), [Meetone](#), [TokenPocket](#)).

EOS is one of the most successful blockchains to date and provides a variety of unique features that other networks can't offer yet: free instant transactions, account permissions, smart contracts and governance mechanisms. Unlike the Bitcoin, EOS has

human readable accounts that are very similar to usernames on any of your social media profiles.

To create one, you can use multicurrency [Paytomat Wallet](#) or any dedicated EOS wallet (Token Pocket, MEET.ONE, etc). Notice that an account creation is a paid feature (the price can vary between a few cents and a few dollars) and involves some level of technical knowledge. The simplest way however would be to top up a Paytomat Wallet with BTC, ETH or DASH and create your EOS account effortlessly within a few seconds. If that sounds too technical, here's a detailed [guide](#) for you.

[Scatter](#) is a desktop software that allows to easily manage several blockchain identities, including EOS. It's widely implemented across EOS dapps ecosystem so make sure to have it. To use it properly you need to import the private key of your EOS account. Most of the time you can find this feature in the settings section of any cryptocurrency or EOS wallet.

Alternatively, you can create an EOS account directly in Scatter and skip the first step altogether. Despite of your choice, you're now set and ready to play.

How to play Cryptobento?

To start the app, all that you need is to log-in via Scatter and choose any box that you find appealing. If you have already claimed any box, it will show up in the '*Claimed Boxes*' section.

Crypto Bento Buy boxes for EOS and earn random rewards!

4edq4bgddzj 2,3015 EOS Total boxes 2 Logout

Easy Thrill
Guaranteed reward of 0.5 to 1.5 EOS

1 EOS

Buy

Highlights

Guilty Pleasure	stakn4evr.m	0.238 EOS	+138%
Guilty Pleasure	davebourland	0.208 EOS	+108%
Sweet 10	stakn4evr.m	15 EOS	+50.0%
Easy Thrill	julianmedici	1.398 EOS	+39.8%
Easy Thrill	julianmedici	1.208 EOS	

Claimed boxes (2) Hide empty boxes

Easy Thrill

1.428 EOS

Price 1 EOS

Easy Thrill

1.5 EOS

Price 1 EOS

Hide empty boxes (2)

Make sure to have your Scatter open, since you'll need to confirm your transaction using this tool.

Crypto Bento Buy boxes for EOS and earn random rewards!

4edq4bgddzj 2,3015 EOS Total boxes 2 Logout

Guilty Pleasure
Get up to 0.24 EOS

0.1 EOS

Signing transaction...

Scatter

Crypto Bento transfer

Accounts Involved

EOS Mainnet 4edq4bgddzj 0.01% CPU

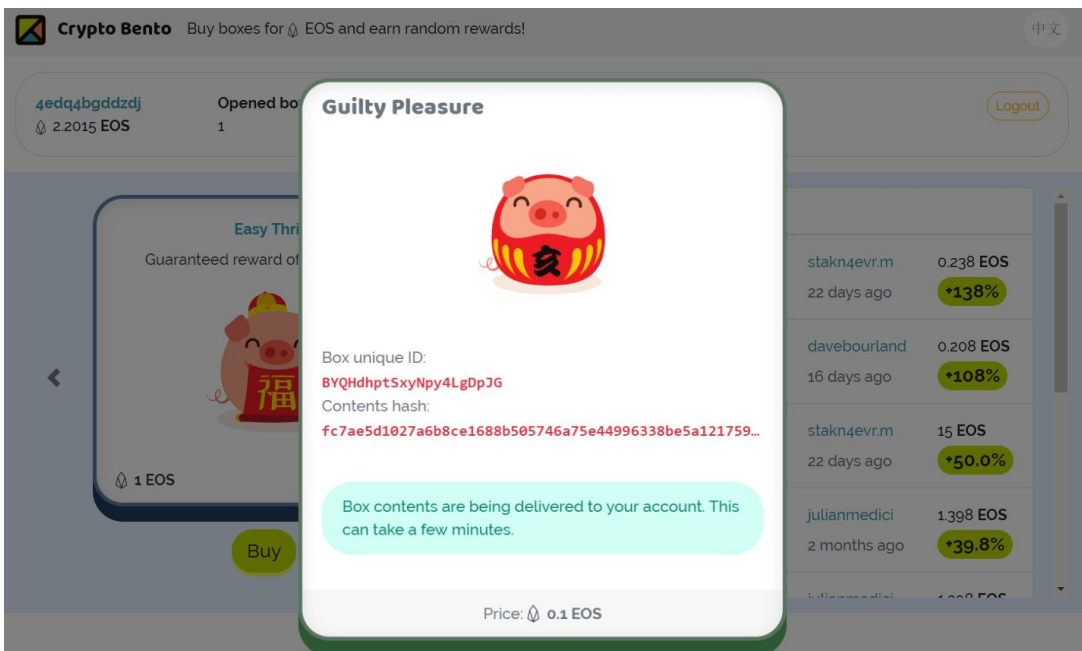
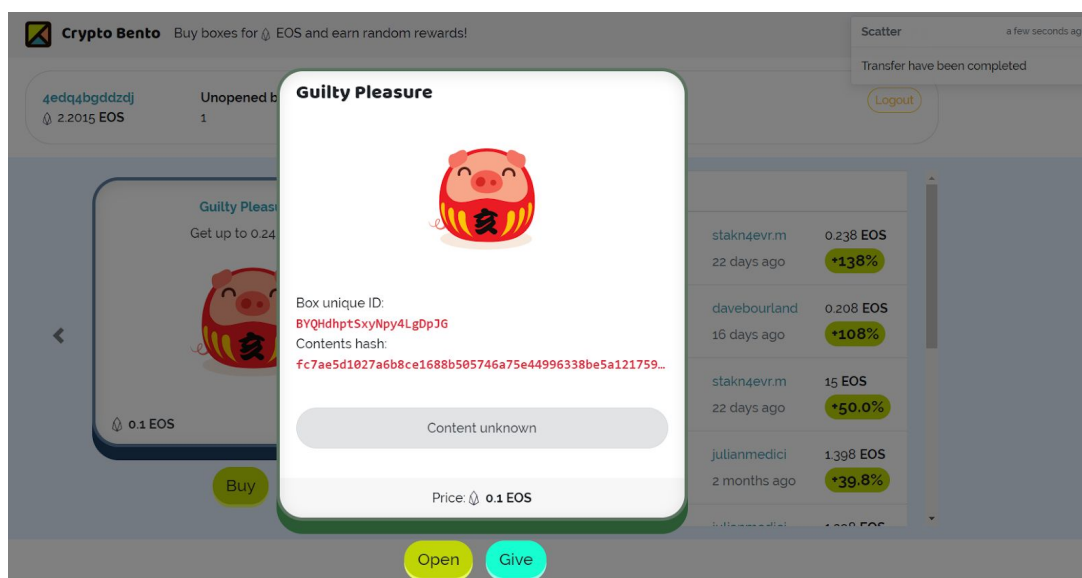
Allow

Deny

Whitelist this to not have to accept next time

Enable Whitelist

After you do this, please open your box and either claim it or give it to somebody else in case you changed your mind.



There are no rules about how many boxes you can purchase but there's a certain limit for each type so make sure to check before you start experimenting. At the moment there are options with 0.1, 1 and 10 EOS, the higher the stake, the more risk you take while gambling.

How to verify box contents?

All the boxes have a hash that can be seen before the box has been opened. You can use this algorithm to validate that we've paid the content that was put to the box when it was generated. This ensures that we don't meddle with the box's content after it has been put to sale.

Currently there's no interface to verify your box's content but for those who come from Node.js world, here's your option:

```
const crypto = require('crypto');
const sha256 = (data) =>
crypto.createHash('sha256').update(data).digest('hex');
const uid = 'FvnyXqwiYFYToFGVbFSkFR';
const content = '{"EOS:eosio.token":1.5}';
const hash = sha256(sha256(uid) + sha256(content));
// '395112125511833b87cae9805b2301e08f98114ebd718072225edc7d12e0e69d'
```

Basically, you need to create a hash function generated from box's ID (uid) and box's content (a type of token and its value). If the result of this hash matches the hash of the box, you're good. Otherwise, you might need to check your code twice.

By the way, don't freak out if that doesn't look familiar to you. We're working on making user friendly verification system.

For further details on the game, please visit cryptobento.app