

# ZIM Framework to make NFTs is itself an NFT

*NFTs offer a new dawn for interactive media content creators. It rewards creative expression with hard crypto cash and the satisfaction of being collected.*

HAMILTON, ONTARIO, CANADA, September 7, 2021 /EINPresswire.com/ -- NFTs offer a new dawn for interactive media content creators. One that rewards individual creative expression with hard crypto cash and perhaps more importantly, with the satisfaction of being collected. That which is collectable is a wondrous game - a game where even the tool making the game can be collected.

[ZIM](#) is a JavaScript coding framework to make interactive media, including NFTs. Non-fungible Tokens are a decentralized way to record ownership of items, such as art, on a blockchain and provide creators with royalties as items are collected and resold.



Logo for ZIM Code Creativity

NFT art can also be interactive and bought and sold, for instance, with the [hic et nunc](#) Web app on the Tezos blockchain where there have been more than a million and half sales in the last three months (<https://twitter.com/Esclaponr>). When interactive NFTs are minted (made), they are uploaded and stored on the InterPlanetary File System (IPFS) with the contract part going on the Tezos blockchain.

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ZIM is a JavaScript coding framework to make interactive media, including NFTs, a decentralized way to record ownership of items on a blockchain and provide creators with royalties.”

*Dr Abstract*

ZIM is a perfect fit for interactive NFTs as it is an HTML Canvas framework ideal for the IPFS. The Canvas is used for online art, games, visualizations, puzzles, and to the delight of Founder, Dr Abstract, the Canvas is great for

making gadgets.

Dr Abstract is the current alias for Inventor Dan Zen, a two-time Canadian New Media Awards Winner and Hamilton Media Arts winner for his interactive media creations. Since 2014, Dr Abstract has made hundreds of interactive gadgets to demonstrate and educate the many features of ZIM. A growing number of [favourites can now be collected](#) as NFTs on hic et nunc.

"NFTs provide creators the opportunity to easily and securely sell digital works with a price from half a chocolate bar to ten exotic race cars. Royalties are built into the system, and to top it all off, the collectors act as marketers! Content creators are finally being properly rewarded." says Dr Abstract.

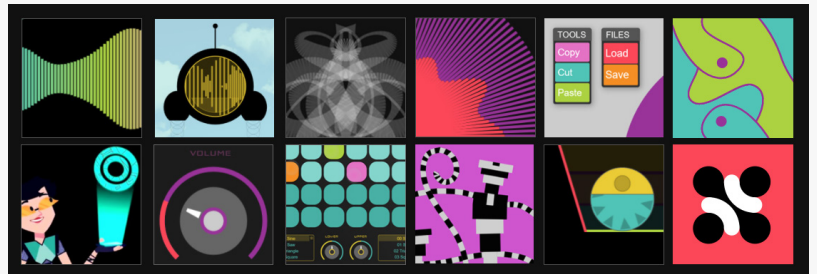
Dr Abstract is the inaugural member of the Gadget Minters (<https://zimjs.com/gadgetminters>). His NFTs include art mini-apps like the "Venusian Vase Vender" (<https://hic.link/223515>) where the vase shape is adjusted with a dial and slider that traverse a noise equation. Of the ten editions, half have been collected and one even resold for 5 tez which is about \$27 USD. Down the line, this could be \$27,000. There is a ZIM physics game to keep Noodles' hair on his head, and a set of flying droids which visualize sound as they are flown about. The droids say built-in or user-typed phrases. ZIM provides components, conveniences and controls to help both left and right brained learners code this type of creativity. The process to make NFTs from ZIM apps takes about ten minutes and is detailed here <https://zimjs.com/nft>.

Along with making NFTs, ZIM itself is an NFT which can be collected at <https://hic.link/197840>. In this case, there are 100 editions set at .5 tez (roughly 2.5 USD). ZIM is funding starter wallets for ZIM coders. "Offering the Framework as a collectable NFT is a great way to reward the ZIM community." says NFT creator, Dave Yang (<https://swfoo.com/>) who has recently sold NFTs in six digits. Dr Abstract reports that as far as his researchers can tell, ZIM is the first coding framework to be an NFT.

There are many generative art NFTs created with the processing or P5js framework that include basic interactivity to change patterns. The ZIM framework provides components that can be embedded as part of the art or used for crafted interactivity where the user makes art. The features of ZIM lead to considerable code reduction as shown in the ZIM DEMO reels <https://www.youtube.com/zimlearn>.



Dan Zen, aka Dr Abstract, photo of ZIM Founder



Examples of Gadgets created with ZIM

ZIM has a Blob and Squiggle with Bezier control handles to change their shapes. These are complicated to code from scratch yet let the user become the artist. Objects can also be animated or dragged along the path of the custom shapes which is industry leading functionality. ZIM has a Pen tool that makes generative art as the user controls the pen. ZIM also has Generator to make Processing folks feel at home. ZIM adds conveniences such as single line drag and drop, multiple hit tests and STYLE like CSS. There are dynamic parameters and alternate traditional versus configuration object parameters. A host of controls such as MotionController, Emitters, SoundWave, Accessibility, Parallax and more are all built-in, helping artists stand out in the NFT world!

Creators of unique interactive works have traditionally found employment in fields such as advergaming and e-learning. These fields have had to adapt with the decline of Adobe Flash. ZIM, which is based on CreateJS and built from the best of Flash concepts, brings a modern-day, open-source, mobile-ready alternative to Flash. Interestingly, Adobe Animate (Flash renamed) can export to CreateJS and ZIM. The skills learned from this lineage of experience can now be used to make interactive NFTs.

#### ABOUT ZIM

ZIM at <https://zimjs.com> is a JavaScript Canvas Framework. The simplicity of ZIM empowers everyone to code. Kids are using physics and particle emitters in their workshops at <https://zimjs.org/kids>. Full curriculum lessons with interactive and video tutorials are available for high school at <https://zimjs.org/skool>. Developers around the world are using ZIM in production and ZIM is loaded millions of times daily. <https://dev.zimjs.com>. ZIM was founded in 2014 by Dr Abstract who teaches ZIM to his Sheridan Post Grad Interactive Media students, many of whom are designers learning and loving to code.

#### ABOUT HIC ET NUNC

hic et nunc (Latin for Here and Now) is an online marketplace allowing you to buy, sell, trade, and mint digital assets such as artwork in the form of NFTs (Non-Fungible Tokens) on the decentralized Tezos Blockchain. As of May 2021, HEN is the fastest-growing marketplace for minting and trading NFTs. The Tezos blockchain relies on proof of stake vs proof of work to operate which makes it magnitudes cheaper and greener to create, sell and buy NFTs. Gas prices for minting an NFT can be around 10 cents on Tezos, vs around 100 dollars on Ethereum. From [hen101.xyz](https://hen101.xyz)

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ZIM

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