Hackathon: Harmony ONE Love - Round 1

Peruse Documentation And Instructions In Docs.Harmony.One/Home/

GitCoin Bounty: https://gitcoin.co/issue/harmony-one/bounties/21/100025515

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Introduction

This document consolidates finding of user review of docs.harmony.one/home webpage.

The review followed the page-by-page process, starting at the Welcome page and navigated through to the end of the documentation page.

The findings on page 4 are presented in a chronological page order start at the Welcome page.

Harmony

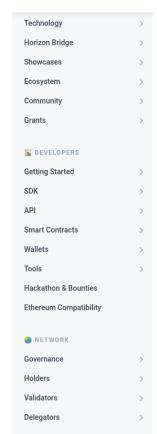


Fig1. Harmony Webpage

Methodology

For all intents and purposes of this review, please accept I am a new and inexperienced user. I have followed all sections and instructions as far as it was practically possible for me. Where I was unable to reach an outcome as instructed in the documentation section, I have raised this in the Findings Review section (page 4).

For the purposes of this review, issue items have been classified as follows,

- 1. Text this refers to the structure of the documentation wording (e.g. typo or rewording)
- 2. Content this refers to any image or video element (e.g. content visibility)
- 3. Hyperlink this refers to hyperlinks embedded within the documentation pages (e.g. broken link)
- 4. Example this refers to tutorial / demo elements (e.g. demo content not behaving as expect)

The findings section contains a more detailed description for each of the above items that were found during the course of this review.

Summary

This is a high-level summary of what has been identified during this review.

Total items found: 57
Total Text items: 16
Total Content items: 8
Total Hyperlink items: 29
Total Example items: 4

In general, from a user perspective, the content at docs.harmony.one/home/ is presented in an easy to read, user friendly manner. The content is very rich, backed up with comprehensive examples, tutorials, demos and current use case applications. Certainly, for a new user, it has been a very educational and enjoyable experience discovering about HarmonyOne.

Review Findings

This section lists issues items that could be improved or are given as potential suggestion, to improve the user learning experience at docs.harmony.one/home/.

#	Screenshot from Harmony Webpage	Harmony Webpage Link	Item Type	Comments
1	Secure Random Sharding Harmony's sharding process is provably secure against shard attacks because the network validators are randomly assigned and shuffled among shards. The randomness used in the sharding is obtained with a distributed randomness generation algorithm (based on VRF and VDF) which is unpredictable, unbiaseable, verifiable and scalable. Harmony reshards the network in a non-interruptive manner using "Cuckoo Rule" to prevent against slowly adaptive byzantine adversaries.	https://docs.harmony .one/home/general/i ntroduction/what-is- harmony	Text	In the text change "Unbiaseable" to "un-biased"
2	Efficient and Fast Consensus Harmony's consensus algorithm is called Fast Byzantine Fault Tolerance or FBFT. FBFT is a highly efficient and speedy consensus algorithm built upon the famous PBFT algorithm which is the cornerstone for distributed systems and consensus research for the past 30 years. Harmony's FBFT is able to confirm blocks within 2 seconds thanks to the adoption of aggregated BLS signature. FBFT is also highly optimized in network message processing and block proposal pipelining so that the consensus can scale to hundreds of validators at the same time.	https://docs.harmony .one/home/general/i ntroduction/what-is- harmony	Text	In the text define the meaning of PBFT i.e. (Practical Byzantine Fault Tolerance) Suggestion. Possibly define BLS signature Boneh–Lynn–Shacham.
3	Unlike traditional blockchains which require PoW to reach consensus, Harmony is Proof-of-Stake blockchain which is energy efficient and low-cost for node runners. The process to elect validators is called Effective Proof-of-Stake (EPoS) which is the first sharding-focused PoS mechanism that prevents stake centralization. In EPoS, validators with a large amount of staked tokens are obligated to run more nodes to support the network while validators with less stake run fewer nodes. Besides, EPoS is able to randomly and evenly distribute the stakes among all shards so no shard is less secure than other shards.	https://docs.harmony .one/home/general/i ntroduction/what-is- harmony	Text	In the text. Define PoW I.e. (Proof of Work)

4	Harmony's 2021 on Cross-Chain Finance Adoption Toolings for Etherson developers to register code with minimal charges Workshops for developers at blockchain and finetic in correct to large. Hackathons for developers to compete the princes and freedbacks. Grants for new projects or partners to grow with incubation Toolings for Etherson developers at blockchain and finetic in correct to learn. Etherson Bridge for Harmony applications to average season to the princes and freedbacks. Grants for new projects or partners to grow with incubation for any chains to zonemunicate with Harmony as a hub	https://docs.harmony .one/home/general/i ntroduction/roadmap	Text / Content	Re-word the sentence as follows: "Here is our 2021 milestone progress. Learn more about our 2020 ecosystem growth journey". The Cross-Chain Finance graphic is difficult to read even when zoomed.
5	Interoperability Ethereum Bridge Trusties and efficient asset transfers among Pow-PuS-Chain Communications Contract-based wrapping and Iradio (Paid of BTC as in Interlay Chain relays, data evailability, full interoperability Intercoperability Partners Cross-Chain Uniswap Asset contracts Defi & NFT Stablecoins marketplaces, structured products Partners Cross-Chain Uniswap Asset contracts Defi & NFT Stablecoins marketplaces, structured products Structured products Partners Cross-Chain Uniswap Asset contracts Defi & NFT Stablecoins marketplaces, structured products Fast Sync & Gossips Strumming state sync, information disports a largerithm	https://docs.harmony .one/home/general/i ntroduction/strategy- and-architecture	Content	The Strategy and Architecture graphic is difficult to read when zoomed. Suggestion. Consider uploading high resolution image.

6	Key Features Secure, Random State Sharding Harmony has transcended the blockchain trilemma by bringing the best research to production. Sharding is proven to scale blockchains without compromising security and decentralization. We divide not only our network nodes but also the blockchain states into shards, scaling linearly in all three aspects of machines, transactions and storages. To prevent single shard attacks, we must have a sufficiently large number of nodes per shard and cryptographic randomness to re-shard regularly. Each shard has 1/4 of nodes for strong security guarantee against Byzantine behaviors. We use Verifiable Random Function (VDF) for unbiasable and unpredictable shard membership.	https://docs.harmony .one/home/general/t echnology	Text	In the text change "Unbiaseable" to "un-biased"
7	Synchronous View Change Once of the drawback of BFT-based consensus is the potential stallment of the consensus if the leader is malicious. The solution to this in PBFT algorithm is the additional view change protocol on top of the	https://docs.harmony .one/home/general/t echnology/consensus	Text	Typo at start of paragraph. Change "Once" to "One"
8	This improvement makes our view change protocol fully robust and is functional as long as more than 2/3 of the honest validators are online, guaranteeing the liveness of the FBFT consensus. Besides, BLS aggregate signatures are also used in the view change protocol to reduce network communication cost, making it a very efficient process which takes a few seconds to finish.	https://docs.harmony .one/home/general/t echnology/consensus	Text	Remove "is" in the first sentence to read " protocol fully robust and functional" to"

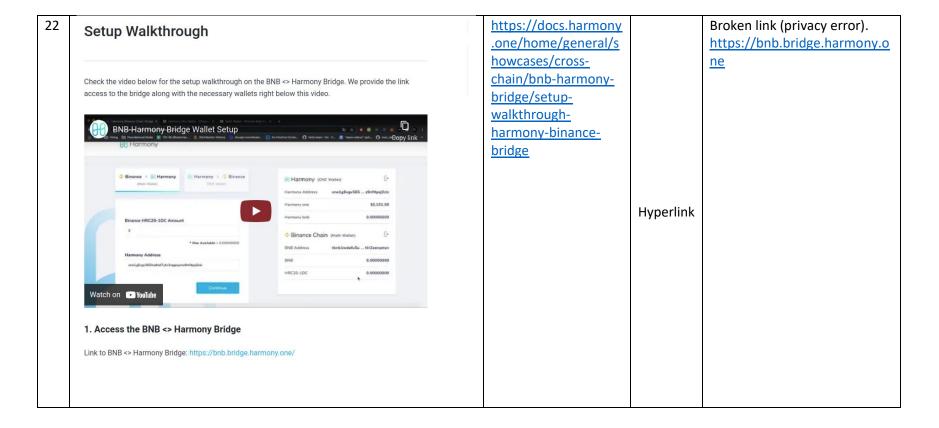
9	Harmony's sharding approach depends on a secure randomness source so the validators can be assigned to shards in a truly random manner to avoid single-shard attacks. Harmony designed a distributed randomness generation (DRG) protocol which involves both VRF (Verifiable Random Function) and VDF (Verifiable Delay Function) to achieve the follows key properties: 1. Unpredictable: No one should be able to predict the random number before it is generated. 2. Unbiaseable: The process of generating the random number should not be biasable by any participant. 3. Verifiable: The validity of the generated random number should be verifiable by any observer. 4. Scalable: The algorithm of randomness generation should scale to a large number of participants. Since the random assignment (resharding) of validators only happens every epoch, Harmony's DRG protocol only needs to execute once per epoch. It works as follows:	https://docs.harmony .one/home/general/t echnology/randomne ss	Text	In the text change "Unbiaseable" to "un-biased"
10	The reason for Harmony to be able to afford such low fee is two folds. First, Harmony is Proof-of-Stake	https://docs.harmony .one/home/general/t echnology/finality	Text	Typo. "two folds" change to "twofold"
11	Horizon Bridge ← Previous Tokenomics Next Setting up Wallets →	https://docs.harmony .one/home/general/h orizon-bridge	Content	It would be more user friendly to have the chapter sections displayed and linked here. Also a short introduction would help user to know what to expect here.

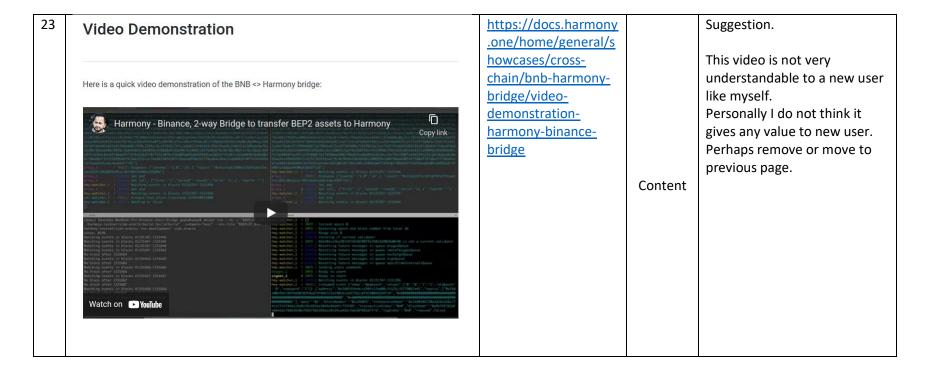
12	Now, in Metamask Wallet you will be prompted two transactions for you to confirm, similar to the ones one the images below: Transaction Fee A fee is associated with this \$2.08 request. View full transaction details Reject Confirm	https://docs.harmony .one/home/general/h orizon- bridge/bridging-eth- one	Text	Reword the sentence to: "Now, in Metamask Wallet you will be prompted to confirm two transactions, similar to ones shown below."
13	New Features This page describes the features released in the first Horizon feature release.	https://docs.harmony .one/home/general/h orizon-bridge/new- features		The Demo Video. https://youtu.be/0GWrckW-baw
	Horizon bridge currently supporting bridging BUSD, LINK, and any ERC20 token from Ethereum to Harmony and back. In this feature release we have added the following three major features: 1. ETH bridging • Allows bridging native ETH from Ethereum to receive 1ETH on Harmony 2. ERC721 (NFT) bridging • Allows single or in batch bridging of ERC721 (or NFTs) to Harmony to receive HRC721 3. ONE & HRC20 bridging • Allows bridging Harmony's native ONE token and any HRC20 issued on Harmony to Ethereum for utilizing Ethereum ecosystem and DApps Demo video: Bridging NFTs from Ethereum to Harmony	<u>reactives</u>	Content	From approx. 3:50min to around 6:13min the user waits for minting to complete. Suggestion. Personal suggestion is that this is removed and tutorial duration is reduced. On first watch it seems very long to wait.
14	Bridge API This page provides a set of APIs to interact with backend. This API enable users to do all bridge operations. For flow freely between Harmony and Ethereum blockchains you need to call this methods in special order and with special params.	https://docs.harmony .one/home/general/h orizon-bridge/bridge- api	Text	Reword the last sentence to: "To flow freely between Harmony and Ethereum blockchains you need to call this methods in specific order and with appropriate parameters."

15	Smart contracts ABI and method call examples - here (https://github.com/harmony-one/ethhmy-bridge/tree/master/scripts) Tead chain-id from config 5 months ago read chain-id from config 5 months ago is like 1 read chain-id from config 5 months ago is like 1 read chain-id from config 5 months ago is like 1 read chain-id from config 5 months ago is like 1 read chain-id from config 5 months ago is update scripts to use environment variables, use was loop for ethere 8 months ago	https://docs.harmony .one/home/general/h orizon-bridge/bridge- api	Content	Suggestion. The Smart contracts ABI and method call examples on Github will be more understandable to new users if there was a README with deployment instructions.
16	3. What if I can't find the token I want to bridge in the drop down menu of the bridge? Most tokens can be found using the drop down menu on the bridge. If you cannot find the token you are looking for you can add it manually by clicking on "use custom address", inputing the contract address you want to interact with and then clicking on "Select token". If an asset has been bridged at least once, you will easily find it here.	https://docs.harmony .one/home/general/h orizon-bridge/bridge- faqs	Text	Spelling mistake. Reword "inputing" to "inputting"
17	Here we showcase our cross-chain solutions as well as the decentralized applications built by our community and demos launched by our team and contributors. Our 2021 highlights are our Horizon bridge that connects to Ethereum assets and our community-built Viper and Mochi decentralized exchanges. Some of our notable DeFi applications including SeeSwap, Blits, SeeMarket and our NFT showcases include Atari, Beast Quest, and LMA Art Gallery. Developers can build on Harmony today and join our Discord to collaborate with our team.	https://docs.harmony .one/home/general/s howcases	Hyperlink	Broken link. https://horizon.harmony.one/ does not work for me. The page never loads.

18	Iris Bridge Iris Bridge is a fully permissionless, trustless, decentralized bridge on Harmony for ALL ERC20 tokens. It employs an Ethereum light client on Harmony using Solidity. Try alpha version: iris.demo.harmony.one See: code, presentation, light client	https://docs.harmony .one/home/general/s howcases/cross-chain	Hyperlink	Broken link. Iris.demo.harmony.one
19	BNB-Harmony Bridge Here we describe trustless bridge that enables tokens on Harmony Chain to be transferred do Binance Chain and back. Github Code: https://github.com/gupadhyaya/binance-chain-bridge/tree/harmony Community: Join our Telegram Community here.	https://docs.harmony .one/home/general/s howcases/cross- chain/bnb-harmony- bridge	Hyperlink	Broken link (privacy error). https://bnb.bridge.harmony.o ne/
20	Bridge Contract on Harmony transfer 'amount' from: bridge contract to: recipient HRC20 Contract Check it working here on https://bnb.bridge.harmony.one/.	https://docs.harmony .one/home/general/s howcases/cross- chain/bnb-harmony- bridge/how-it-works- harmony-binance- bridge	Hyperlink	Broken link (privacy error). https://bnb.bridge.harmony.o ne/

21	How it works	https://docs.harmony .one/home/general/s		Suggestion.
	Any external validator can participate on by fulfilling bridge transactions. Sending tokens from Harmony Chain to Binance Chain is done by locking tokens on Harmony Chain via a smart contract, at which point the same number of tokens are minted on Binance Chain. Differently from other bridges that use a collateral-based system, there is no pre-minting of tokens on this bridge, instead they are minted (on thefly) once the tokens are locked on Harmony side. Users can later redeem tokens by burning them and unlocking the original tokens on Harmony Chain.	howcases/cross- chain/bnb-harmony- bridge/how-it-works- harmony-binance- bridge	Text	For consistency refer to BNB across this page as BNB rather than Bnb or bnb.
	Differently from other bridge implementations, we don't use block relayers, instead the bridge validators act like event relayers (relaying transfer events that happen on each side). On this bridge, two new concepts are being used: 1. Multi-signature: Binance to Harmony transactions are approved by multiple validators.			
	Threshold Signature Scheme (TSS): a set of validators participate in a multi-party computation (MPC) ceremony to generate a common secret that could be used to securely fulfil Harmony to Binance transactions.			





24	Build BTC relay and SPV client from Summa on the Harmony network, so that dApp builder can build on top it. Links https://github.com/keep-network https://github.com/summa-tx https://github.com/bcoin-org https://github.com/LeoHChen/playground/tree/master/go/btcrelay Keep whitepaper: https://keep.network/whitepaper TBTC whitepaper: https://docs.keep.network/tbtc/index.pdf BTC SPV on Ethereum: https://medium.com/summa-technology/cross-chain-auction-technical-f16710bfe69f https://dapp.test.tbtc.network/ https://medium.com/@nickgrego/step-by-step-guide-for-installing-both-ecdsa-beacon-nodes-on-vps-with-100-voucher-db930ab2a667	https://docs.harmony .one/home/general/s howcases/cross- chain/btc-bridge	Hyperlink	Broken link https://summa.one/ https://keep.network/whitepa per
25	User Guide The bridge is available at iris-testnet.harmony.one, currently deployed on Ethereum Ropsten Testnet and on Harmony Testnet. Smart contract transactions on the Ethereum side is publicly available on Etherscan. 2. Go to iris-testnet.harmony.one, connect your wallets on both Ethereum & Harmony side. fee on both Ropsten (the Ethereum testnet) and the Harmony testnet. • Ethereum Ropsten Faucet: https://faucet.metamask.io/	https://docs.harmony .one/home/general/s howcases/cross- chain/iris-bridge	Hyperlink	Broken link. iris-testnet.harmony.one Takes user to https://rainbow.hmy.cc.ink/#/ home Broken link. https://faucet.metamask.io/

26	TEARN Demo Walkthrough Visit https://learn.finance Download ONE wallet (chrome extension) https://harmony.one/onewallet If you have one already created please go to next section Note that there are two Harmony wallets on Chrome store, you will need to download this version for this demo. This wallet supports HRC20 tokens. Make sure to fund the wallet few one \$ONE, so you can pay for the extra low gas!	https://docs.harmony .one/home/general/s howcases/defi/1earn- demo-app	Hyperlink	Broken link. Unable to follow demo as result. https://learn.finance Suggestion. Link for 1EARN is not very visible. Perhaps provide hyperlink within text rather than under the title.
27	2. Go to https://maker.demo.harmony.one/, connect your wallet using the new chrome extension and click 'Get Started' <i>⊘</i>	https://docs.harmony .one/home/general/s howcases/defi/maker -demo-steps	Hyperlink	Broken link. Unable to follow demo as result. https://maker.demo.harmony. one/
28	Moneyhome Instant cross-border payments using stablecoins such as BUSD, specifically in the USD<>INR corridor.	https://docs.harmony .one/home/general/s howcases/fiat	Hyperlink	Suggestion. Provide hyperlink to Moneyhome

29	Hackathons Developers can build on Harmony today, a fast and open blockchain for decentralized applications, suited to handle DeFi, cross-chain, and cross-border finance. We showcase here the top developer projects from our hackathons.	https://docs.harmony .one/home/general/s howcases/hackathons	Hyperlink	Suggestion. Perhaps reference GitCoin here
30	Ethereum to Harmony Sequence:	https://docs.harmony .one/home/general/s howcases/hackathons /hack-the-horizon	Content	Suggestion. The figures are too small to be visible. Provide larger or remove.
31	Binance US Harmony API Dapp Use of Binance.us API on Harmony using React: * API call from @harmony-js/core * API call from @binance-api-react-native * API call from Axios	https://docs.harmony .one/home/general/s howcases/hackathons /hack-the-horizon	Hyperlink	Broken link. https://github.com/aadorian/ BinanceHarmony
32	Port Augur to Harmony: Dev ported Augur to Harmony.	https://docs.harmony .one/home/general/s howcases/hackathons /hack-the-horizon	Hyperlink	Broken link. It takes you to jff-danno dashboard page https://gitcoin.co/jff-danno

33	Harmonauts	https://docs.harmony .one/home/general/s howcases/other- showcases	Hyperlink	Broken link. https://punks.hmy.cc.ink/#/ho me
34	OneMoji Disclaimer: this game is ported from Nyftimoji, an Ethereum based game, for non-commercial purposes. You can use 20 \$ONE tokens to mint an emoji token (HRC 721 token) using smart contract. The lucky number you input and the block hash will decide which emoji you are going to get from a library of 3,470 emojis. https://youtu.be/s3JtpOGhlcQ youtu.be	https://docs.harmony .one/home/general/s howcases/other- showcases	Hyperlink	Broken link. Youtube video unavailable. https://youtu.be/s3JtpOGhlcQ
35	The Sentinel AI (Gitcoin Kernel) Our team participated in the Gitcoin Kernel program and worked on the Sentinel AI for: "Democratized and Incentivized Machine Learning on Blockchain in a Secure and Privacy-Preserving Manner"	https://docs.harmony .one/home/general/s howcases/other- showcases	Hyperlink	Suggestion. Is there no hyperlink to this?
36	SeeMarket	https://docs.harmony .one/home/general/s howcases/other- showcases/seemarket	Hyperlink	Suggestion. Is there no hyperlink to this?

37	The Harmony Puzzle's Android app and backend are open sourced on our Github. Puzzle.harmony.one C puzzle.harmony.	https://docs.harmony .one/home/general/s howcases/other- showcases/harmony- puzzle	Hyperlink	Broken link. Backend link not working. https://github.com/harmony- one/puzzle-backend
38	Sesameseed UniFi Decentralized exchange for HRC20 token holders to convert tokens through automated price discovery, liquidity pools.	https://docs.harmony .one/home/general/e cosystem/partners/d ex-swaps	Hyperlink	Suggestion. Provide hyperlink to UniFi
39	Integrations Coinbase Rosetta API Gitcoin By partnering with Gitcoin, Harmony reaffirms its commitment to developers. Overall we're excited to partner with Gitcoin in our shared goal of growing the web3 open-source ecosystem.	https://docs.harmony .one/home/general/e cosystem/integration <u>S</u>	Hyperlink	Suggestion. Provide hyperlinks to each individual platforms in the platform titles

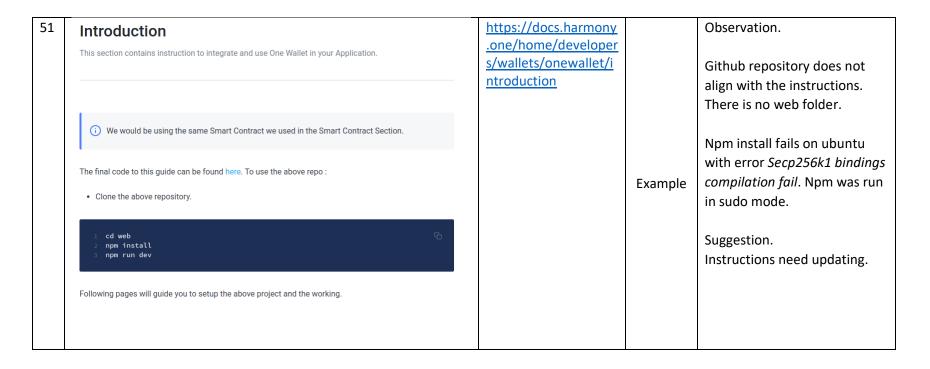
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40	 Staking compatible Staking NOT available Website version available Website version NOT available Mobile compatible Mobile version NOT available 	https://docs.harmony .one/home/general/c ommunity/faq	Text	Suggestion. Text could be simplified tO; Staking available Staking NOT available Website available Website NOT available Mobile app available Mobile app NOT available
41	Grants Process A prospective grantee starts an application by filling out the grant application. Apply at harmony.one/grant-form today!	https://docs.harmony .one/home/general/g rants	Hyperlink	Broken link. https://harmony.one/grant- form
42	Going forward, we have learned to be as specific as possible setting grant deliverables and metrics upfront with each grantee. We'll be clearly setting expectations with governors (below) and streamline the approval process to maximize Harmony Foundation's 154 million monthly token allocation.	https://docs.harmony .one/home/general/g rants	Hyperlink	Suggestion. (below) hyperlink does not seem to do anything. Suggest to remove.

43	Going forward, we have learned to be as specific as possible setting grant deliverables and metrics upfront with each grantee. We'll be clearly setting expectations with governors (below) and streamline approval process to maximize Harmony Foundation's 154 million monthly token allocation. Apply for a grant here.	https://docs.harmony .one/home/general/g rants	Hyperlink	Apply for a grant here.
44	We use Twitter instead of a blog post for faster iteration and broad community engagement. Apply for a grant: harmony.one/grant-form	https://docs.harmony .one/home/general/g rants/requests-for- startups	Hyperlink	https://harmony.one/grant-form
45	Getting Started A quick guide to getting started with developing on Harmony blockchain. Overview Harmony is a powerful blockchain that is EVM comptible with sharding and staking features. Developing	https://docs.harmony .one/home/developer s/getting-started	Text	Typo. Change "comptible" to "compatible"
46	 How to deploy a smart contract on Harmony? Tutorial Github repo Interacting with wallets programmatically 	https://docs.harmony .one/home/developer s/getting-started	Content	Suggestion. The github example needs a README with instructions on use.

47	Deployment using Remix This guide shows instructions on how to deploy smart contract using remix on Harmony. Remix IDE Harmony Open Harmony Remix IDE in your browser: http://ide.harmony.one/. Writing your Smart Contract On opening the IDE, in the left panel, click the "+" icon to create a new solidity file: **browser**	https://docs.harmony .one/home/developer s/smart- contracts/deploymen t-using-remix	Example	I was not able to reproduce the tutorial to deploy the contract to testnet. Errored transaction failed:insufficient funds for gas * price + value
48	If you have an idea that you'd like to deploy on the Harmony Protocol, you might be interested in learning about the Harmony Grant Program.	https://docs.harmony .one/home/developer s/smart- contracts/deploying- an-ethereum-smart- contract-onto- harmony	Hyperlink	Broken link. https://docs.harmony.one/ho me/developers/grant- proposals

49	bridge.frontend/blo	vill be here: https://github.com/ha b/web3_hmy/src/pages/Example I Provider API from official MetaM lask.io/guide/ethereum-provider.h	ask and Web3 docs:	https://docs.harmony .one/home/developer s/wallets/metamask/i nteracting-with- metamask	Hyperlink	Suggestion. Move this link to the begging of the page.
50	Using Meta	mask with Harmony Sr	nart Contracts	https://docs.harmony .one/home/developer s/wallets/metamask/		Suggestion. Provide more detailed setup
		Project Setup The completed code can be found	ınd here.	using-metamask- with-harmony-smart- contracts		instructions. As a new user I did not understand what I need to do to setup the project environment.
	P master	metamask / metamask metamask metamask metamask metamask metamask metamask	Go to file Add file c444949 on 2 Feb		Example	project environment.



52	deno build contracts Counter_json Migrations.json contracts counter_sol Migrations.sol migrations package_json package_son package_lson package_lson package_lson package_lson package_lson package_lson package_lson package_lson package_lock.json package_lson package_lock.json package_lock.json package_lock.json package_lock.json package_lock.json package_lock.json package_lock.json package_lock.json package_lock.jso scr contract,js hwy_js tott_js userMallet.js userMallet.js userMallet.js userMallet.js yarn-error.log	https://docs.harmony .one/home/developer s/wallets/onewallet/p roject-setup-1	Example	Observations. This does not align with the Github repository linked on previous page. Suggestion. Instructions need updating.
53	Congratulations you have now connected your one wallet, and completed writing code for it to interact with the harmony blockchain. Here is the completed code.	https://docs.harmony .one/home/developer s/wallets/onewallet/u sing-one-wallet-with- smart-contracts	Hyperlink	Here hyperlink to completed code reads page not found.

54	Demos Harmony-React example dApp URL: https://hmyreact.demo.harmony.one hmyreact.demo.harmony.one is an adaption of web3-react's original example dApp. The dApp supports all of the previous Ethereum wallets as well as including the new support for OneWallet as well as MathWallet. The example dApp can be used as a basis for setting up wallet connections for cross-chain dApps for Ethereum <> Harmony.	https://docs.harmony .one/home/developer s/tools/harmony- react	Hyperlink	Broken links. All <u>demo.harmony.one</u> pages cannot be reached.
	Token Faucet Demo dApp URL: https://dapp.demo.harmony.one We've created a simple dApp that utilizes Harmony-React to manage its wallet connections. The code for the demo dApp can be used as a basis for writing hook-based React dApps on Harmony.			
55	 Rules The voting power is equal to the number of staked ONE tokens on your validator regardless you are elected or not. Only elected validators can create proposals, while unelected validators are still allowed to vote on the proposals, enabling them a voice of their own. The proposal stays pending for the first 7 days after creation, so that all validators have time to get familiar with the topic and the impact of the proposal's results. After the initial 7 days, the voting period starts and lasts for 14 days. Once you submit your vote, you cannot change it. The voting power is equal to a validator's total ONE token staked, and can vary in terms of voting power depending on delegation or undelegation. We have made this choice to passively include delegators in the governance process. If a delegator does not agree with the vote of the validator he/she delegated to, he/she can simply redelegate to another validator, to support it's vote. Final snapshot of voting power is taken at the epoch in which the proposal closes, so with epochs passing, you might see your total voting power vary a bit. The staked amount of ONE tokens at that time is your final voting power. For a proposal to successfully pass, 66% of all the staked tokens is needed to reach a majority quorum. 	https://docs.harmony .one/home/network/ governance	Text	Typo. Change "undelegation" to retention.

56	11. How can I change my wallet password? Ensure you have access to your seed phrase or private key first. Uninstall the extension, go to chrome store and reinstall. Launch the extension and choose the option to recover your account. Enter your seed We report here Network Outages which might affect the Staking Rewards of your Harmony Node.	https://docs.harmony .one/home/network/ delegator/staking- dashboard/open- staking-faq	Hyperlink	Broken link. The <u>extension</u> hyperlink does not work.
				Outages <u>report here</u> hyperlink does not work.
57	Informational Videos Media content for staking on Harmony OPEN STAKING: The Delegator Journey on Harmony Protocol Watch later Share	https://docs.harmony .one/home/network/ delegator/delegator- journey	Content	A content description at the top of the page or in the content navigator would make navigating this page much easier.
	DELEGATE.COLLECT. REPEAT. Watch later Share			easier.

Hackathon: Harmony ONE Love - Round 1