How to Start Your Open Source Contributor Journey



Blockchain is waiting for you!





Ecosystem Development Team



Barrie is the Senior Technical Writer for Tendermint, where she manages technical content to grow the blockchain developer base. Contributor to developer docs and tutorials for Starport and other open source codebases for the Cosmos SDK and maintainer of other developer-focused content that enables users to build their own blockchain apps.



Sonia is a Developer Relations Engineer at Tendermint where she helps developers build the most powerful tools for distributed networks. She has been involved with open source from the past four years and part of several open source communities like Firefox, Chromium and Kubernetes. She is passionate about blockchain, open source tooling and open source communities. Apart from having lots of interest in computing in general, she love to advocate for open source, minority groups and teach students.



Who are we?

One of you!



Open Source sounds great, but...

- → I am not a good enough programmer to contribute to open source
- → I don't know the project well enough to contribute
- → I don't write code, so I have nothing to contribute
- → Contributing is hard and intimidating



Starport

https://github.com/tendermint/starpor

Cosmos SDK

https://github.com/cosmos/cosmos-sdk

Cosmos Community

→ Code

→ Docs

Tutorials

Blogs

Workshops

Events

many more...



Why are we here? What will we talk about?

- → Why do so many people around the globe contribute to open source?
- → Why is open source software important to blockchain development?

Just see the LA Blockchain Summit Mission Statement!

- → Mass-adoption of blockchain technologies fosters exposure, education, collaboration, sustainable investing, and development
- → Educational content accessible to everyone for free



Blockchain technology fulfills its full potential only if it is accessible and available to all.



Improve the software you use and rely on

- → When you find a bug in an open source software you use
- → Look at the source to see if you can patch it yourself
- → Contribute the fix
- → Enjoy the next version with your fix
- → Wash, rinse, repeat

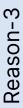
Improve existing skills

Open source is a safe place to improve and build skills

It's not only about code, it's about helping the community

There is a task for you:

- → Coding User
- → interface design
- → Graphic design
- → Writing
- → Even organizing



Find people who follow your passion



- → Meet people with similar interests
- → Open source projects are warm, welcoming communities
- → We keep coming back for years
- → Build connections
- → Make friendships



Mentor and be mentored

- → Work with others on a shared project
- → Explain how you do things
- → Teaching is the best way to learn something!
- → Learn how they do things
- → Ask for help
- → Learning and teaching are fulfilling activities



Build your digital footprint

- → Build public artifacts
- → Grow a reputation
- → Enhance your career
- → Start a career
- → Change a career
- → GitHub is a digital resume



Polish your people skills

Open source is a safe space to use leadership and management skills

- → Learn to work remotely with cross-culture teams
- → Resolve conflicts, in codebase and in negotiations
- → Organize teams of people
- → Prioritize work
- → Support and collaborate in PRs and issues



Empower Yourself

- → Gratify, empower, affirm, be seen
- → It's empowering to make changes, even small ones (especially small ones)
- → When you see a typo on a website or in the docs, go fix it
- → Change how you see and experience the world



Open Source Roles

What does everyone do?

There's a place for you!

Projects are organized with these people

- → Author: People or entity that created the project
- → Owner: People with administrative ownership
- → Maintainers: Contributors with project responsibility, vision, management; might also be authors or owners
- → Contributors: You! Everyone who contributes to the project
- → Community members: You again! People who use the project

Meet the people behind Starport

- → Talk about project and contributor.md file and docs/contributing files
- → Who works on the tutorials?
- https://github.com/tendermint/starport/blob/develop/docs/contributing/index.md#who-works-on-the-tutorials
- → Meet the people behind Starport and contributors.



Community

Dependency grap

Network

Forks

CØSMOS

Check the project pulse

- → Select a healthy project
- → https://github.com/tendermint/starport/pulse

CØSMOS

	Overview			
	17 Active Pull Requests		7 Active Issues	
	I+ 12 Merged Pull Requests	I15 Open Pull Requests	⊙ 1 Closed Issue	⊙ 6 New Issue
ile	velop and 69 commits to all	nave been 58 additions and	20	
			s merged by 6 people	
	docs: Add a link to starpor #1709 merged 2 days ago	t.com		
	docs: Update readme with	a heading		
	#1708 merged 3 days ago docs: new Starport header #1706 merged 3 days ago	r image, minor edits to use	docs.starport.com	
	#1706 merged 3 days ago docs(cli): update generate #1704 merged 3 days ago	ed docs		
	docs: change title from Re	ference to CLI Reference		
0	chore(go.mod): upgrade tendermint/spm to v0.1.7			
	docs: fix broken links #1697 merged 4 days ago			
		: update binary on ubuntu-	latest	
9		: update binary on macos-	latest	
	docs: editorial tweaks to a #1685 merged 5 days ago	wesome new Creating a Blo	ockchain Client in Go	
	fix(ci): don't run integratio #1692 merged 5 days ago	n tests for non of the .md f	iles	
	docs: fix Discord link in the #1678 merged 6 days ago	e readme		
		1\(\frac{1}{2}\) 5 Pull requests	opened by 4 people	
1	fix: security updates: ibc-	go and cosmos sdk		
	feat(CI): fail CI if one of integration matrix fail #1703 opened 4 days ago			
	docs: leave full URL for command docs, use relative link for .md docs #1706 opened 3 days ago			
	fix: change channel name #1711 opened 15 hours ago	for Discord		
	docs: Adds Token Factory #1713 opened 1 hour ago	tutorial		
		⊙ 1 Issue clo	sed by 1 person	
	docs: change title from Re #1673 closed 3 days ago	ference to CLI Reference		
		⊙ 6 Issues op	ened by 4 people	
0	comsos sdk v0.44.3 break #1714 opened 5 minutes ago	s starport		
0	docs: create tutorial or KB doc to clarify and show how Starport creates a shareable binary appd file			

October 15, 2021 - October 22, 2021

create continuation of blog tutorial to add comments

Pulse
Contributors
Community

Traffic

Commits

Code frequency

Forks



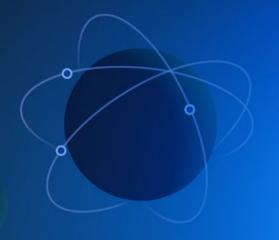
Read before you jump

- → Practice the 15-minute rule
- → Check the Discord servers
- → Do a web search
- → Look at repo issues



Docs: Read, write, fix

- → GitHub projects
- → Look for /docs directory
- → Look for /contributing
- → Write the Docs global community of people who care about documentation
- → Cosmos SDK resources <u>cosmos-sdk/DOCS_README.md at</u> <u>master · cosmos/cosmos-sdk</u>
- → Starport docs resources https://github.com/tendermint/starport/tree/develop/docs/co https://github.com/tendermint/starport/tree/develop/docs/co



COSMOCTOBER CODE FEST



Open Source Souvenirs

- → How can you contribute to the Cosmos Ecosystem?
- How to contribute to open-source projects as a non-coder?





Learning resource souvenirs

→ Starport Developer Guide with walkthrough tutorials, build a chain in minutes

https://docs.starport.com/

Starport Codebase

https://github.com/tendermint/starport

→ Starport Youtube

https://www.youtube.com/channel/UCXMndYLK7OuvjvElSeSWJ1Q/about





HackAtom VI

- Cosmos is the second-largest blockchain ecosystem after Ethereum. Please join in building the decentralized web!
- → HackAtom VI is the biggest hackathon in Cosmos history with a total prize pool of more than \$1,000,000 in ATOM.
- → November 11 and ends December 8
- Come and join us and hack!
- www.hackatom.org





Stay connected

We're on LinkedIn and GitHub!



https://github.com/barriebyron/ https://www.linkedin.com/in/barriebyron/



https://github.com/soniasingla https://www.linkedin.com/in/soniasinglas/