
OCTOBER 12 • WEDNESDAY

9:00am – 11:00am

Waffle House: let's fuel up before TABConf Builder Day

TABConf Builder Day starts today. If you're Waffle House (135 Andrew Young International Blvd NW, Atlanta, GA 30303) going to build on bitcoin today, you're going to need some protein. And if you're going to visit the southeast, you need to have the Waffle House experience. Knock out both tasks at once by walking to the Waffle House at the corner of Andrew Young and Centennial Olympic Park Drive for breakfast. There will be an informal hangout here. If you want to work on a specific project for Builder Day, message them and see if they'll be at breakfast.

Note: this is not the one on Marietta St. This is the one on Andrew Young and Centennial. Confusing, I know. There's a Waffle House everywhere. You're in the south now, baby!

11:00am – 11:30am

B **Builder Day - Doors Open**

Builder Zone

11:30am – 12:00pm

B **Builder Day - Kick-off**

Builder Zone

12:00pm – 4:45pm

B **BDK - Bitcoin Dev Kit**

Builder Zone

The Bitcoin Dev Kit (BDK) project (<https://github.com/bitcoinddevkit>) provides a collection of tools and libraries to make it 10x easier to build secure, feature rich bitcoin wallets for applications on any platform.

12:00pm – 4:45pm

B **Bitcoin Design**

Builder Zone

Speakers: Stephen DeLorme

Bitcoin Design is helping make Bitcoin more intuitive and accessible. As bitcoin's popularity continues to rise, it is essential that everyone be able to participate in this new economy regardless of technical expertise or geography. That can only happen if creators everywhere have the resources and community necessary to foster better bitcoin experiences.

12:00pm – 4:45pm

B **Core Lightning**

Builder Zone

Speakers: niftynei, Gregory Sanders, Alex Myers, Dusty Dettmer

Core Lightning (previously c-lightning) is a lightweight, highly customizable and standard compliant implementation of the Lightning Network protocol. Core Lightning has been in production use on the Bitcoin mainnet since early 2018. <https://github.com/ElementsProject/lightning>

Come hang out and get your dev machine setup for working on CLN; learn about reckless, the plugin manager; write your own plugin!

12:00pm – 4:45pm

B **Fedimint**

Builder Zone

Speakers: Justin Moon

Fedimint is an open source protocol to custody and transact bitcoin in a community context, built on a strong foundation of privacy. If you are confident taking self-custody of your bitcoin and running your own nodes, we highly recommend you do so. Fedimint is a superior alternative to 3rd party custody. Fedimint is a mechanism for Bitcoiners and trusted community members to onboard their local communities to Bitcoin in a more accountable and private way. <https://fedimint.org/>

12:00pm – 4:45pm	<p>B Hands-on Simplicity Builder Zone</p> <p><i>Speakers: Christian Lewe</i></p> <p>Simplicity is Russell O'Connor's reimagination of a language for expressing spending conditions that lock UTXOs. It is carefully designed to fulfill this role as best as possible, being fully verifiable and powerful enough to express any condition that you might want to express. On Builder Day, we want to show you why Simplicity "just makes sense," explore the Rust tooling around Simplicity and hack some Simplicity applications. Feel free to experiment; we are there to assist you. A lot of work has flown into teaching materials that we are excited to share with you and that make it easier than ever to immerse yourself in the next generation of blockchain languages.</p> <p>Requirements: Understanding how UTXOs are locked by scripts and unlocked by witnesses (SegWit) would help. It would help to have seen a circuit diagram, once. (I'm really bad at electronics, so the bar is low.) If you are interested, look up Merkle trees. To use our tooling, you should know Rust. However, Simplicity can be completely understood without knowledge of any programming language.</p>
12:00pm – 4:45pm	<p>B LDK - Lightning Dev Kit Builder Zone</p> <p>Lightning Dev Kit (LDK) is the simplest way to integrate Lightning into your Bitcoin wallet. It is designed from the ground up to be easily customized to your application needs. LDK is a full implementation of the Lightning Network protocol, so you can focus on crafting custom-tailored user experiences. It is as lightweight as you need it to be and optimized to run on all embedded devices such as mobile phones, IoT devices, PoS terminals and more. https://lightningdevkit.org/</p>
12:00pm – 4:45pm	<p>B Lily Wallet Builder Zone</p> <p><i>Speakers: Kevin Mulcrone</i></p> <p>Lily makes it easy to keep your Bitcoin safe using multisignature vaults. Lily has written an entire guide about how normal bitcoiners can easily keep their coins safe with enterprise level security thanks to hardware wallets and multisignature vaults. There are no excuses for not controlling your own keys today. https://lily-wallet.com/</p>
12:00pm – 4:45pm	<p>B SuredBits Builder Zone</p> <p><i>Speakers: Chris Stewart</i></p> <p>SuredBits is a team of developers helping build the Discreet Log Contract specification. We also help users and businesses develop custom financial engineering solutions for problems that arise when dealing with bitcoin. https://suredbits.com</p>
4:45pm – 5:15pm	<p>B Builder Day - Wrap-up Builder Zone</p>
6:00pm – 8:15pm	<p>Atlanta BitDevs - Socratic Seminar #12 NCR (864 Spring St NW, Atlanta, GA 30308)</p> <p>Join us to discuss the latest technological developments in Bitcoin and Lightning! This special TABConf event will be a collaboration between multiple BitDevs communities.</p> <p>Inspired by other BitDevs meetups around the US, our Socratic Seminar events are formatted to foster debate, information sharing and lively discussion.</p> <ol style="list-style-type: none"> 1. Discussion topics are provided ahead of the event 2. The event moderator(s) leads the audience through the topics 3. Raise your hand to grab the mic and participate in the conversation 4. We go to a bar afterwards <ul style="list-style-type: none"> • 6:00 PM - 6:30 PM: Come Early to Network - Free Food and Drink • 6:30 PM - 6:45 PM: Overview of sponsors, announcements, and introductions • 6:45 PM - 7:15 PM: Opening Presentation - TBD • 7:15 PM - 8:15 PM: Socratic Seminar - TBD • 8:30 PM - Midnight: Dinner / hangout at nearby bar (near the Omni Hotel at CNN Center) <p>https://www.meetup.com/atlantabitdevs/events/287231385/</p> <p>https://atlantabitdevs.org/</p>