

# The Invisible Internet Project

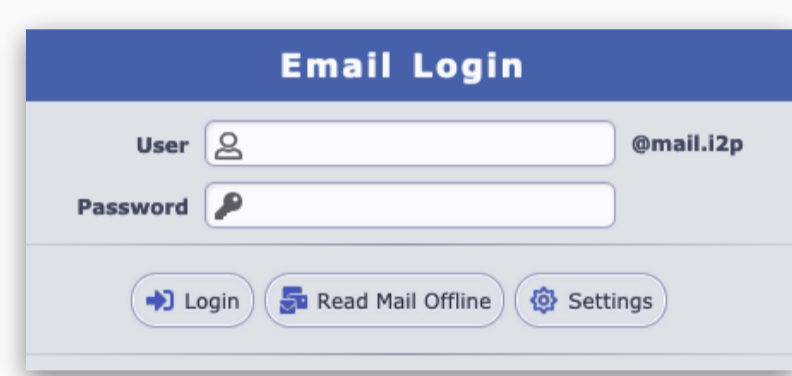
The Invisible Internet is a privacy by design, people-powered network. It is a truly free and anonymizing Internet alternative. Get I2P.

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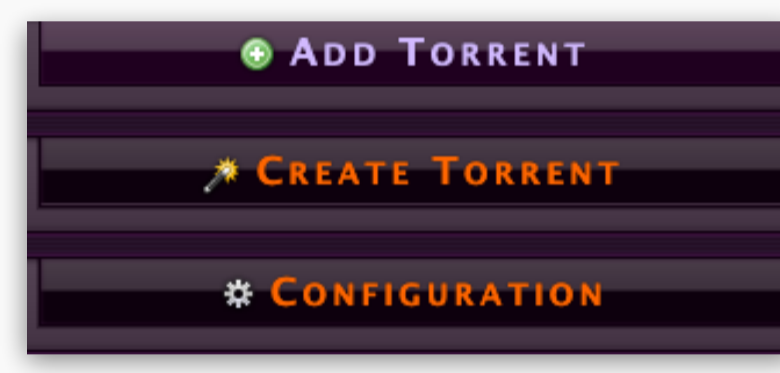
Privacy & decentralization by design  
Protocols that protect  
A network that is community run  
Endless opportunities  
Open source  
A truly free Internet alternative

The Invisible Internet Project (I2P) is a fully encrypted private network layer. It protects your activity and location. Every day people use the network to connect with people without worry of being tracked or their data being collected. In some cases people rely on the network when they need to be discreet or are doing sensitive work.

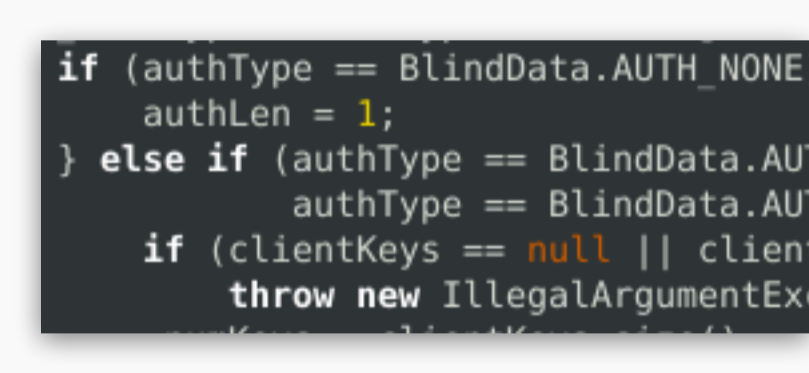
## What you can do on the Invisible Internet



Email



Torrent



Create

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// layer 2 (inner) encryption
I2PAppContext ctx = I2PAppContext.getGlobalContext();
byte[] salt = new byte[SALT_LEN];
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HKDF hkdf = new HKDF(ctx);
byte[] key = new byte[32];
// use first 12 bytes only
byte[] iv = new byte[32];
int authLen;
```

## I2P Developers

Resources for Application Layer and Router

[Dev Support](#)[Read the Docs](#)

For tech dev or other dev?

## Get Involved

Numerous people contribute to the project to varying extents.

Consider **contributing** to help the I2P project grow.

Take a moment to **donate** to support further development.

Help **translate** the documentation into other languages.

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## News & Updates

2021-08-23 - **1.5.0 Release**

2021-05-17 - **0.9.50 Release**

2021-02-17 - **0.9.49 Release**

2020-12-10 - **Hello Git, Goodbye Monotone**

2020-11-30 - **0.9.48 Release**

2020-08-24 - **0.9.47 Release**

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## Getting Started with I2P



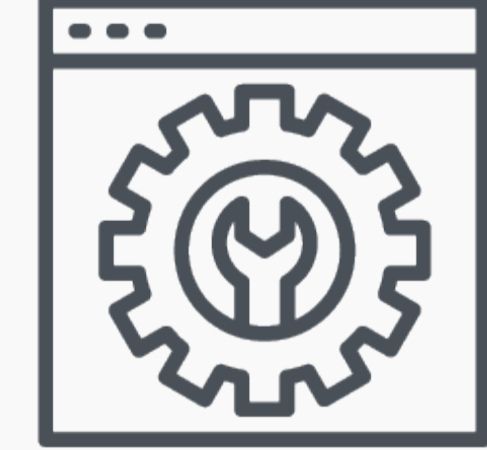
### 1. Download the Software

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### 2. Follow the Installation Instructions

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### 3. Configure your Browser

Configuration requires that you configure your browser. This is necessary because of these reasons here blah blah.

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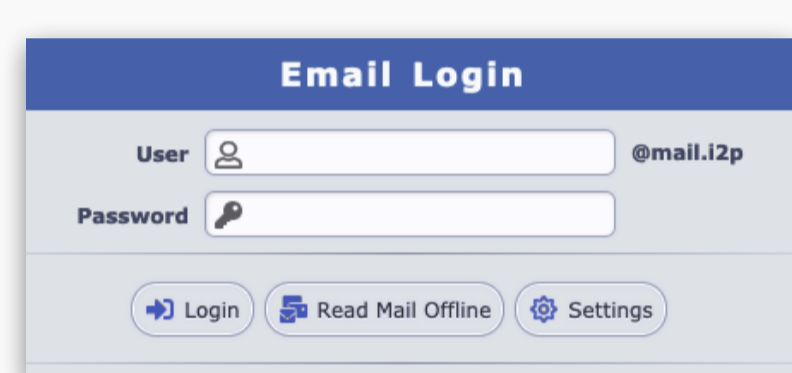
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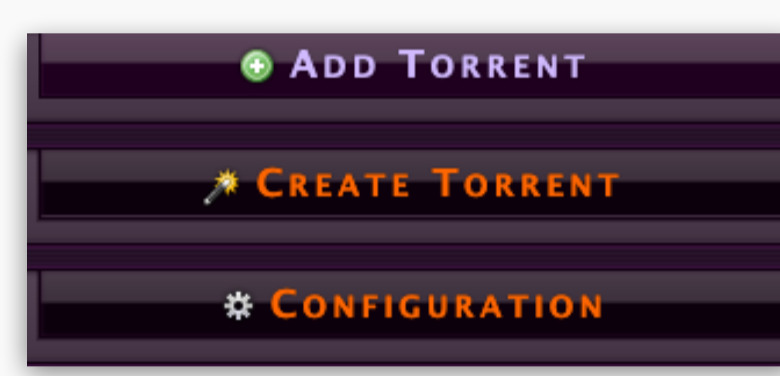

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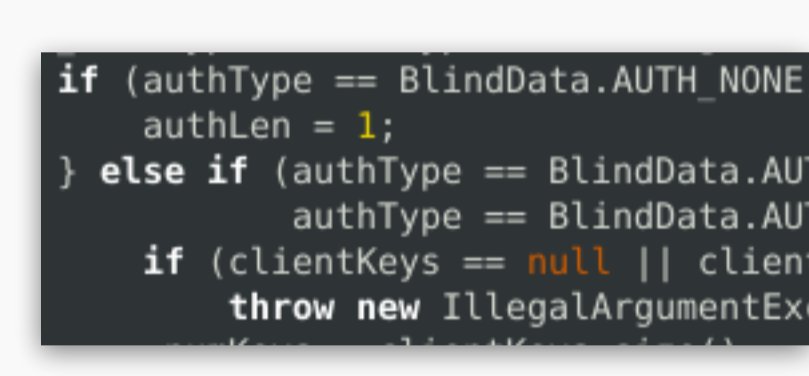
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## Latest Release

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EXAMPLE SESSION DIALOGUE -- simple telnet 127.0.0.1
A = Application
C = BOB's Command response.

FROM TO DIALOGUE
C A BOB 00.00.10
C A OK
A C setnick mouth
C A OK Nickname set to mouth
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August 23, 2021

**New**

**1.5.0 Release**

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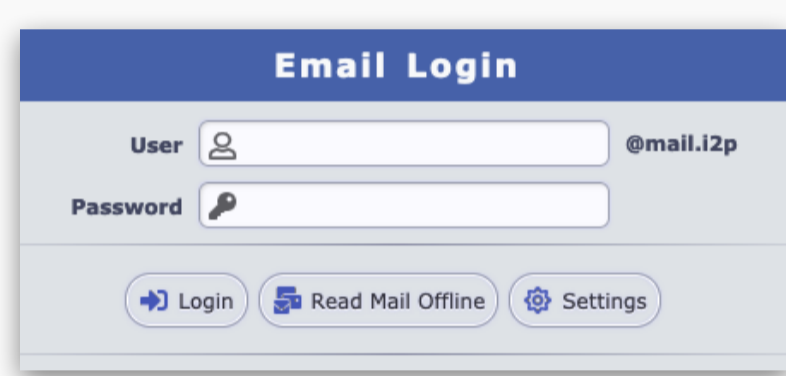
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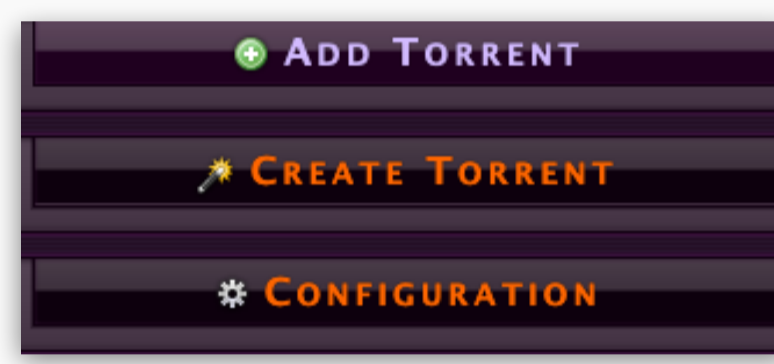

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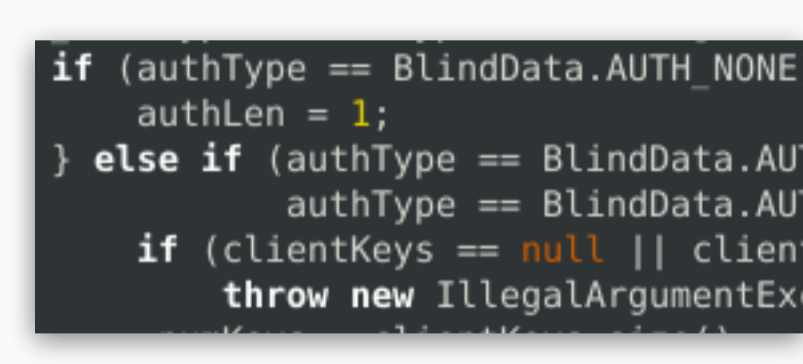
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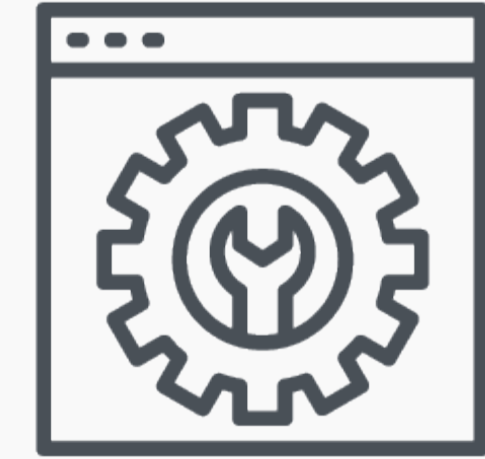
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