Tag Immutability

 Guaranteeing immutability of version control system tags using blockchain

Group 4: Anusha Kulkarni, Ashwitha Kassetty, Parichaya Chatterji, Preethi Muruganandam, Vasudha Jha
What are tags?

- **v3.0**
  - Released on Sep 30
  - SHA: c4ab335
  - Formats: zip, tar.gz
  - Verified

- **v2.1**
  - Released on Apr 13
  - SHA: babcd7fa
  - Formats: zip, tar.gz
  - Verified

- **v2.0**
  - Released on Feb 29, 2020
  - SHA: 51dae9c
  - Formats: zip, tar.gz

- **v1.1**
  - Released on Dec 5, 2019
  - SHA: 86e17e1
  - Formats: zip, tar.gz

- **v1.0**
  - Released on Nov 24, 2019
  - SHA: 1c6e62d
  - Formats: zip, tar.gz
Why make tags immutable?

https://xkcd.com/2347
Why make tags immutable?
Why make tags immutable?

v1.0.0

b06cdb0

63718f0

49a68cd

Bugs!
Incompatibilities!
Vulnerabilities!
Our Solution
Our Solution

Blockchain + Smart Contracts
Our Solution

RESTful APIs

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Our Solution

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RESTful APIs
Our Solution

- Ethereum Smart Contracts
- Node.js APIs
Demo
Links

- Documentation: https://github.com/Immutable-Tag/docs
- Get the code: https://github.com/Immutable-Tag
- This presentation:
Thank You!