

# **Resumable Uploads For HTTP**

**IETF Hackathon**

**IETF 121  
2–3 November 2024  
Dublin, Ireland**



# Context

- Resumable uploads:
  - Recover from interruptions during file transfer
  - Makes uploads pausable and resilient
  - [draft-ietf-httpbis-resumable-upload](#)

# Hackathon Plan

- Update existing implementations to latest draft
- Test interoperability

# Implementations

- Clients
  - URLSession API on iOS & macOS
  - JavaScript client for browsers and Node.js (better TypeScript!)
  - Client example in Go
- Server
  - Fully-featured servers in Go and .NET
  - Experimental server with SwiftNIO
  - Server example in Go
- [github.com/tus/rufh-implementations](https://github.com/tus/rufh-implementations)

# Interoperability

	Clients		
	URLSession (iOS, macOS)	Tus-js-client (Web, Node.js)	Go demo client
Servers			
Tusd	✓	✓	✓
Tusdotnet	✓	✓	✓
Go demo example	✓	✓	✓
SwiftNIO	?	?	?

# Wrap Up

## Team members:

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Draft: [draft-ietf-httpbis-resumable-upload](#)

Discussion on **Monday at 9:30** in **httpbis** session