



**FIXING YOUR PROTOCOL FOR HUMAN RIGHTS**

# **HTTP 451: LEGALLY WITHHELD**



**HRPC & PUBLIC INTEREST TECHNOLOGY GROUP**

**IETF101 HACKATHON, LONDON, MARCH 2018**



**ALP TOKER • DANIEL RAMSAY • HIROTAKA NAKAJIMA**

# **FURTHERING DIGITAL TRANSPARENCY WITH 451**

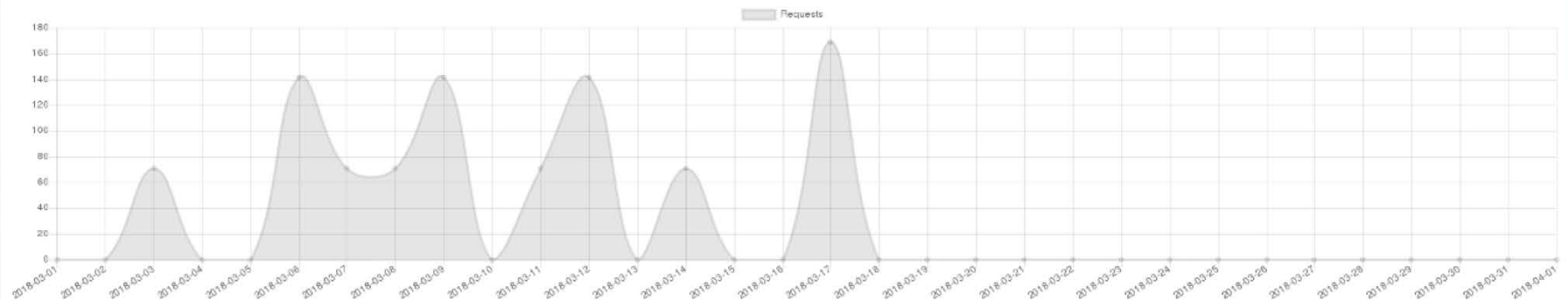
- **BLOCK-CRAWLER:**
  - **NEW CRAWLING ENGINE  
SUPPORTING MULTIPLE  
INSTANCES, STATE PERSISTENCE**
- **BLOCK-COLLECTOR:**
  - **SWITCH TO SQL BACKEND**
- **BLOCK-DASH:**
  - **TIME-SERIES DATA VISUALIZATION**
- **ACHIEVES BROADER VIEW OF 451  
USAGE WORLDWIDE**
- **GLOBAL ADOPTION BY CONTENT  
PROVIDERS AND ISPS**
- **HELPS INFORM DIRECTION  
RFC7725 WITH VIEW TO HUMAN  
RIGHTS CONSIDERATIONS**

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## 451 Reports

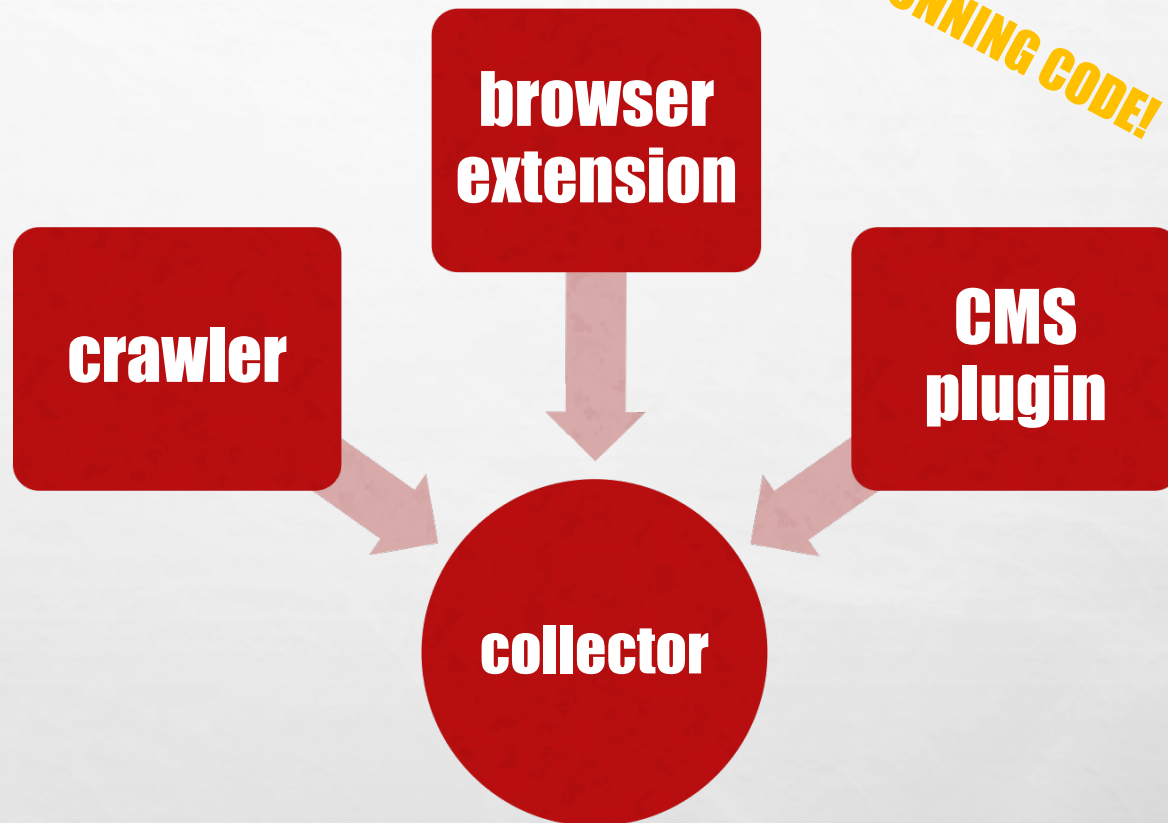
Page 1

Date	URL	Blocked by	Report ID
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2018-03-17 19:02	<a href="http://dretzq.co.uk/test451/test.php">http://dretzq.co.uk/test451/test.php</a>	dretzq.co.uk	950 <a href="#">🔗</a>
2018-03-17 19:00	<a href="http://dretzq.co.uk/test451/test.php?p=5">http://dretzq.co.uk/test451/test.php?p=5</a>	dretzq.co.uk	949 <a href="#">🔗</a>
2018-03-17 19:00	<a href="http://dretzq.co.uk/test451/test.php?p=4">http://dretzq.co.uk/test451/test.php?p=4</a>	dretzq.co.uk	948 <a href="#">🔗</a>
2018-03-17 19:00	<a href="http://dretzq.co.uk/test451/test.php?p=3">http://dretzq.co.uk/test451/test.php?p=3</a>	dretzq.co.uk	947 <a href="#">🔗</a>
2018-03-17 19:00	<a href="http://dretzq.co.uk/test451/test.php?p=2">http://dretzq.co.uk/test451/test.php?p=2</a>	dretzq.co.uk	946 <a href="#">🔗</a>
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2018-03-17 19:00	<a href="http://dretzq.co.uk/test451/test.php">http://dretzq.co.uk/test451/test.php</a>	dretzq.co.uk	944 <a href="#">🔗</a>
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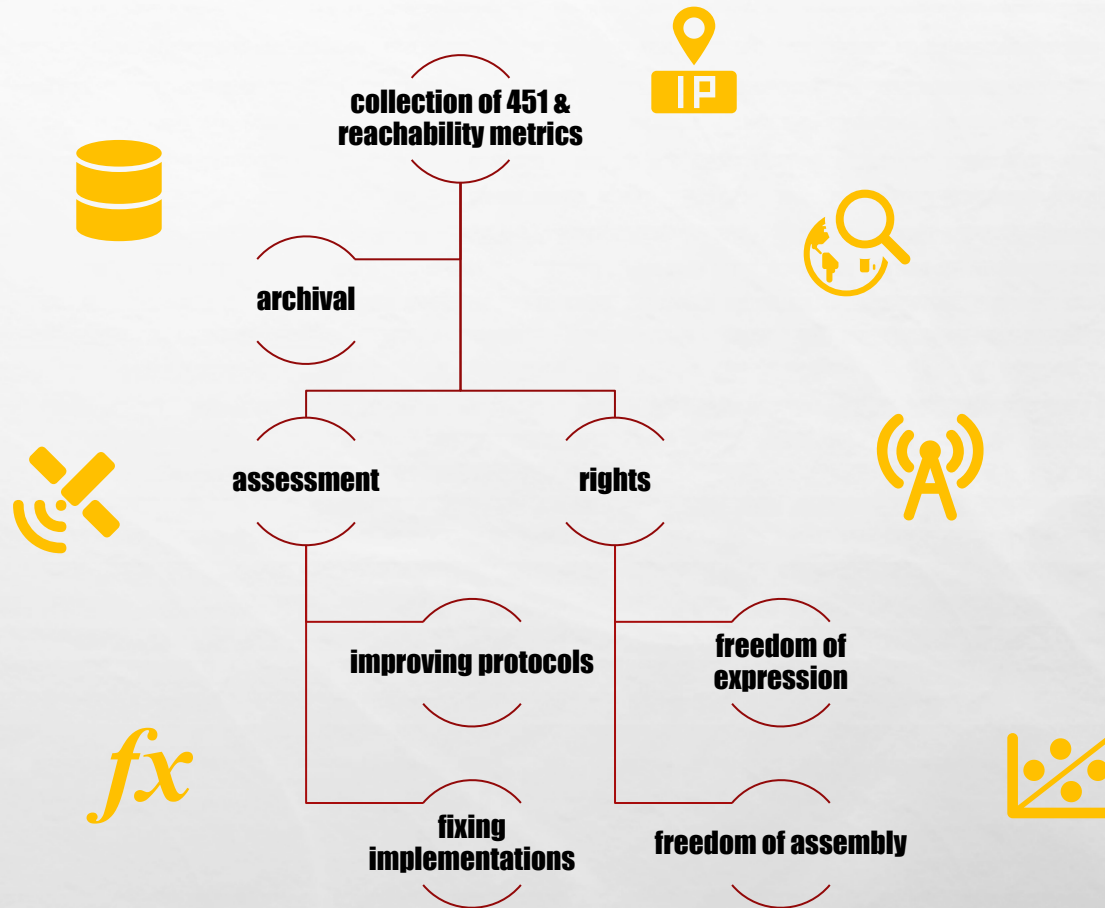
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IETF101 IETF100 IETF99



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# FIX YOUR PROTOCOL FOR HUMANS

- **ALP TOKER**

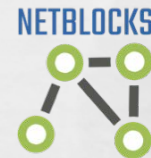
- **DANIEL RAMSAY**

- **HIROTAKA NAKAJIMA**

- **CORINNE CATH**
- **DKG**
- **NIELS TEN OEVER**
- **SHIVAN KAUL SAHIB**
- **STEPHANE BORTZMEYER**

- **REAL-TIME 451 TRACKER**

- [HTTPS://NETBLOCKS.ORG](https://netblocks.org)



- **RESOURCES**

- [HTTPS://GITHUB.COM/NTBLK](https://github.com/NTBLK)
- [HTTPS://WWW.IETF.ORG/ARCHIVE/ID/DRAFT-451-IMP-REPORT-00.TXT](https://www.ietf.org/archive/id/draft-451-imp-report-00.txt)