MAKING ACCESS SHORT AND SWEET: DEVELOPING A PHP PROXY LINKER AND URL SHORTENING TOOL

METRO CODE4LIBNYC SIG DECEMBER MEETING 2015

Junior Tidal
New York City College of Technology, CUNY
@JuniorTidal
WHAT I’M TALKING ABOUT TODAY

PROBLEM OF SHARING URLS AND DOIS

ENTER THE PERMALINKER

SHORTLINKING WITH YOURLS

TROUBLESHOOTING THE PERMALINKER

SHARING THE PERMALINKER CODE
PROBLEM OF SHARING URLs AND DOIS
URLS AND DOIS CAN BE VERY LONG
THEY CAN BE PROBLEMATIC IN PRINT FORM
USERS MAY NOT KNOW WHAT TO DO WITH PROXY PREFIXES
ENTER THE PERMALINKER

HTTP://CITYTE.CH/PERMALINKER
WHAT IS THE PERMALINKER?
A PHP-BASED TOOL THAT AMENDS PROXY PREFIXES TO URLs
THIS TOOL IS NOT NEW

PROXY-AMENDING TOOLS CAN BE FOUND AT OTHER INSTITUTIONS SUCH AS NORTH CAROLINA STATE UNIVERSITY’S LIBRARY WEBSITE AND GEORGIA STATE UNIVERSITY’S LIBGUIDES
HOW DOES IT WORK?
1. THE USER COPIES AND PASTES A DATABASE URL OR DOI
2. THE SCRIPT TESTS THE VALIDITY OF THE URL OR DOI
3. IF VALID, SCRIPT RETURNS A PROXIED URL OR DOI
SHORTLINKING WITH YOURLS
THE PERMALINK TOOL ALSO USES CITY TECH LIBRARY’S YOURLS SHORTLINING SERVICE
YOURLS IS AN OPEN-SOURCE, PHP-BASED URL SHORTENING WEB APPLICATION
USING THE YOURURLS BUILT-IN API, THE SCRIPT CREATES A SHORTENED URL: http://cityte.ch/01
YOURLS ALSO HAS A BUILT-IN STATISTICS PACKAGE, USAGE CAN BE TRACKED OVER TIME.
TROUBLESHOOTING THE PERMALINKER
THE PERMALINKER IS A WORK IN PROGRESS
CITY TECH
LIBRARIANS HAVE
ONLY TESTED A
HANFUL OF URLS
AND DOIS
A FEEDBACK FORM HAS BEEN CREATED TO GATHER TROUBLESHOOTING ISSUES FROM USERS
SHARING THE PERMALINKER CODE

CODE IS FREELY AVAILABLE ON GITHUB:

HTTPS://GITHUB.COM/JTIDAL/CITYTECHPERMALINKER
WRAPPING UP

PROBLEM OF SHARING URLs AND DOIS

THE PERMALINKER

SHORTLINKING

TROUBLESHOOTING

SHARING CODE
QUESTIONS?
THANKS!