Ideas to help with user tasks:

- a **splash page** to give an overview of Tor and metrics. Display some basic statistics (users, throughput, relays) and data sources (ooni, collectTor).
- a banner that redirects users to specific topics (overview, network status, data sources, research tools, etc.)
- a page that explicitly states what is *not* collected for metrics
- being able to see multiple graphs on one screen
- being able to plot multiple things on a graph (provided that they share axes, and it makes sense to do so)
- an interface that allows tagging data to explain events, missing data, and anomalies and displaying those tags
- ability to group information by specific country (i.e. a single page that shows the users, relays, etc.)
- ability to group information by transport/hidden service (i.e. a single page that shows how it is used in all countries, etc.)
- using tagged events as inputs instead of manual dates (i.e. "5 days before and after this version release," "the week where China blocked meek")
- ability to download the underlying data available to downloads as a csv/json file (for researchers?)
- interface to customize download of the underlying data (i.e. "I want data about X in time Y for country Z"), similar to how we can do it for graphs
- links and references to underlying data collection services
- links and references to measurement tools for allowing users to collect their own metrics
- some way to alert devs of the "interesting stuff" going on
- something to help Tor authorities do their job
- a dashboard option to customize the use of the metrics page

**Implementation order/difficulty**

1. page reorganization/redesign, sparklines/mini graphs using existing graphing engine
2. single customizable timeplot graph page, data export from graph
3. smart pages with selection of graphs based (e.g., top 10 countries by censorship events), dashboard
4. events, suggestions by users, let users annotate, approved vs. not approved yet
5. other/later
PHASE 1

OVERVIEW

Tor Metrics website as umbrella/landing page

"If you want to learn something about the deployed Tor, which is, go to Metrics!"
<table>
<thead>
<tr>
<th>Tor Metrics</th>
<th>(~ Schneier quote)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.64M clients</td>
<td>9.5k users</td>
</tr>
<tr>
<td>90.1k onion services</td>
<td>204 Gbit/s</td>
</tr>
</tbody>
</table>

- 45% pre-generated "mini-graphs"
- 10% recent data

**Top News**

- Clients
- Relays
- Bridges
- Alternative links to different graph configurations
- Performance
- Bandwidth
- Diversity

**Tools**

- Pluggable Transport
- Onion Services
Navigation

• News: for users, operators, developers, contributors, researchers, etc.; new blockings, recent events in countries
• Data: the core of the Metrics website as the probably most accessible way to use Tor network data, dashboard with customizable set of sparklines
• Services: overview and links to ExoneraTor, Atlas, also link to other functional Onionoo clients rather than leaving that to the Onionoo page
• Sources: overview and link to CollecTor, aggregated data in .csv files, explain what is collected and what is not, our principle to only use public data
• Research: metrics-lib (needs a project page, maybe here?), Onionoo API which devs can use to write tools, BibTeX entry, selected papers, tech reports
• About: what is Tor, what is Tor Metrics, full Schneier quote, FAQ, frequently used terms, contact, contribute link (link to team wiki page for now)