

AstroTools: persistent samp.js

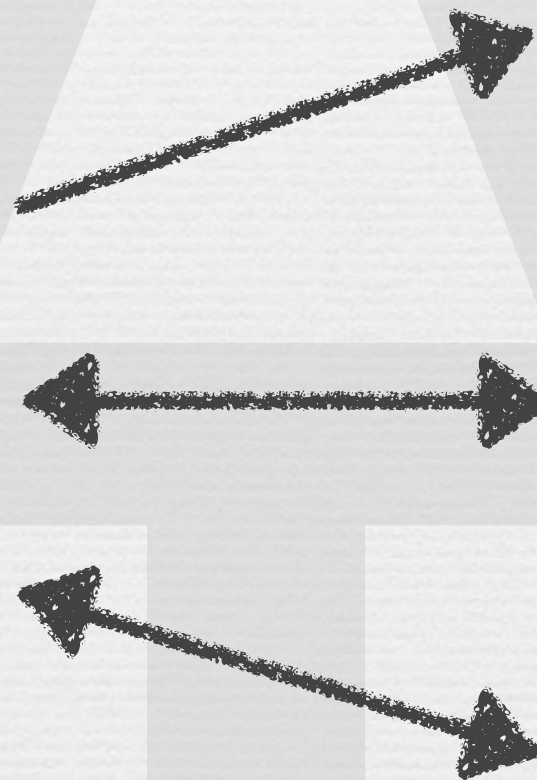
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The idea

- ◉ Web browser is the only easy thing
- ◉ If you want to attract researchers to the VO, you want for them to start from the web browser
- ◉ **Zero complexity entrance point (browser) + rich visualization (VO apps) + real research recipes (VO apps & data)**
- ◉ Hence browser SAMPification, persistent across session

SAMP in a browser



Flashback

- ◉ **2007:** initial idea and the prototype in PLASTIC by I & I
- ◉ **2009:** WebSampConnector, Java plugin reimplementation for SAMP
- ◉ **2010:** persistent WebSampConnector a.k.a. samp-webtools
- ◉ **2012:** JavaScript implementation, samp.js
- ◉ **2013:** persistent samp.js

AstroTools



- ◉ GitHub: <http://goo.gl/zyF0id>
- ◉ Re-implementation of `samp-webtools` with `samp.js` API instead of `WebSampConnector` API
- ◉ Persistent SAMP connection by saving the cookie
- ◉ Feature set to support small-to-medium catalog websites
- ◉ Easy integration to any website `<script src="">`
- ◉ Demo

New kind of citizen science

- ◉ Unfortunately, did not manage to find collaborators for this project in this room
- ◉ Developed by the volunteer (high-level full-time employed IT engineer) in his free time
- ◉ Seems this kind of collaboration can scale

The message

- ◉ Persistent SAMP would be extremely useful for CDS, ROE, HLA and other classic web apps
- ◉ Please join the development at GitHub: together we'll make a better UI experience and feature set

Future



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Mahalo!