

# SAMP Status

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## Items

- SAMP from Web Pages
- Standard Profile extension
- Future Activity
- AOB

# SAMP from Web Pages

## How to send/receive SAMP messages from a web page?

- Common requirement — many use cases
  - ▷ e.g. web page contains table; want to broadcast it to table-capable clients
- Problematic: Standard Profile requires `.samp` file in user's home directory to register
- Options mentioned at May 2009 Interop:
  - ▷ Signed Applet
  - ▷ Web Profile
  - ▷ Browser plugin
- WebSampConnector (VO-Paris) <http://vo.imcce.fr/webservices/wsc/>
  - ▷ Takes signed applet route
  - ▷ Used by several sites (Ravioli, SAI OCL, others?)
  - ▷ Seems to work well
  - ▷ Is this the Answer?

# Standard Profile Extension

## Extended hub discovery mechanism proposed

- Clients must read *lockfile* to register:

```
samp.secret=88dc716d3ac063c3
```

```
samp.hub.xmlrpc.url=http://127.0.0.1:49789/xmlrpc
```

```
samp.profile.version=1.11
```

- **Currently:** lockfile must be file `.samp` in user's home directory
- **Proposal:** if `SAMP_HUB` environment variable exists, override location

- ▶ Details:

- Syntax: `SAMP_HUB=std-url:<any-URL>`
- Example: `SAMP_HUB=std-url:file://localhost/foo/bar/samp`
- Fixed prefix `std-url:` allows for future extensions

- ▶ Necessary if one user is running multiple hubs
- ▶ Convenient for remote-host connections
- ▶ Shouldn't break any existing code or practices
- ▶ Similar non-standard mechanisms already exist (JSAMP, SAMPy)
- ▶ No disagreements on mailing list

- Way forward:

- ▶ Two interoperable implementations (JSAMP & SAMPy)
- ▶ *Either:* Issue SAMP 1.2 to include the change
- ▶ *Or:* IVOA Note, incorporate in next standard version whenever

# Future Activity

## Future SAMP activity within WG

- Extended hub discovery mechanism — see above
- Web (wiki) page <http://ivoa.net/samp/>
  - ▷ Please update Software and MTypes lists as appropriate
  - ▷ Could use some more introductory content . . .
- No obvious call for SAMP v1.2? v2.0?

**AOB**