

Preventing Cat-astrophes with GNU MediaGoblin

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2006
A black and white line drawing of a creature with a large, circular, multi-ringed eye. It has several tentacles extending from its body. The drawing is set against a white background with small bubbles scattered around it.



2007
A black and white line drawing of a creature with a large, bulbous nose and a wide, open mouth showing sharp, triangular teeth. It has a single eye and a small tuft of hair on its head.

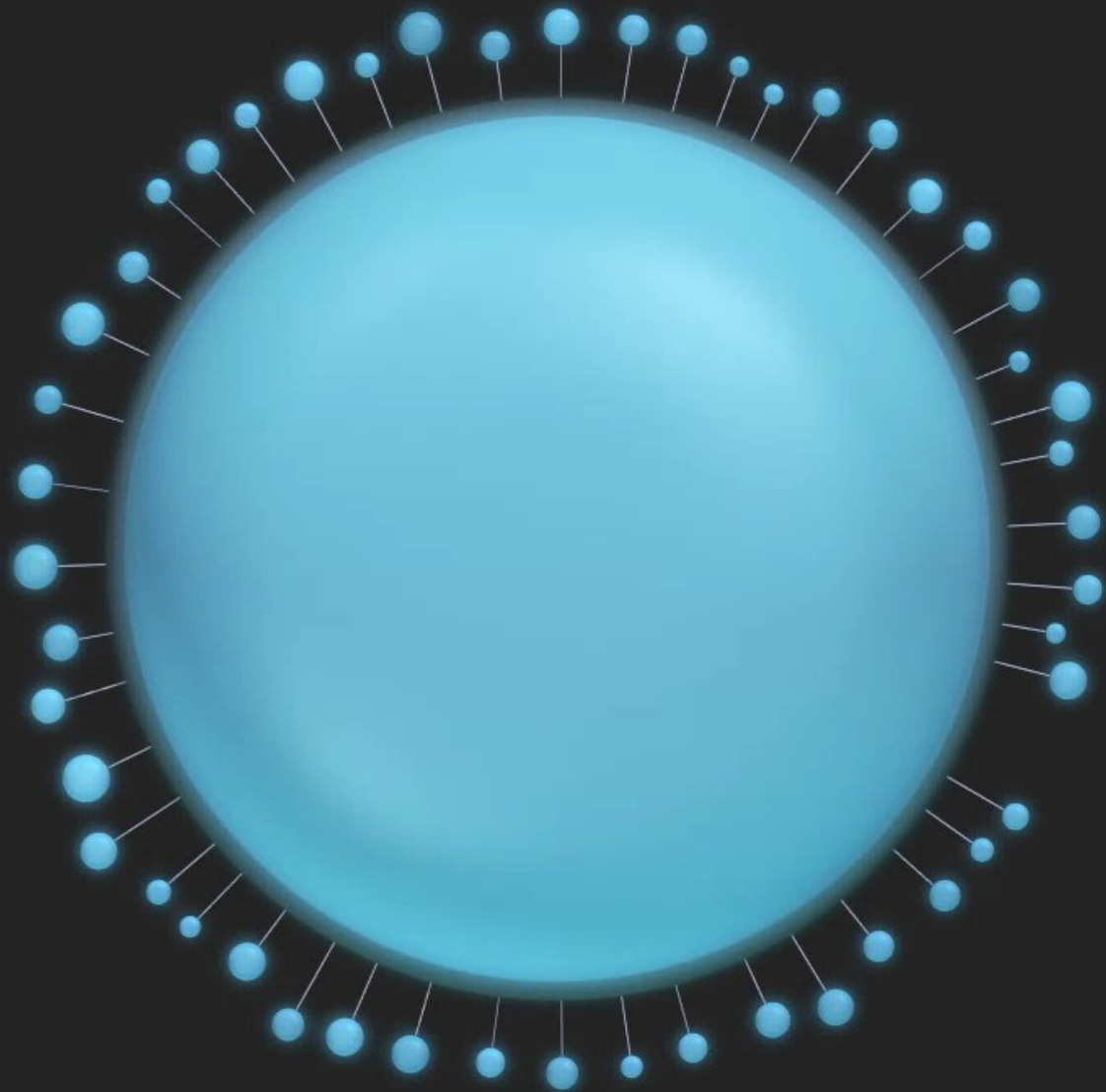


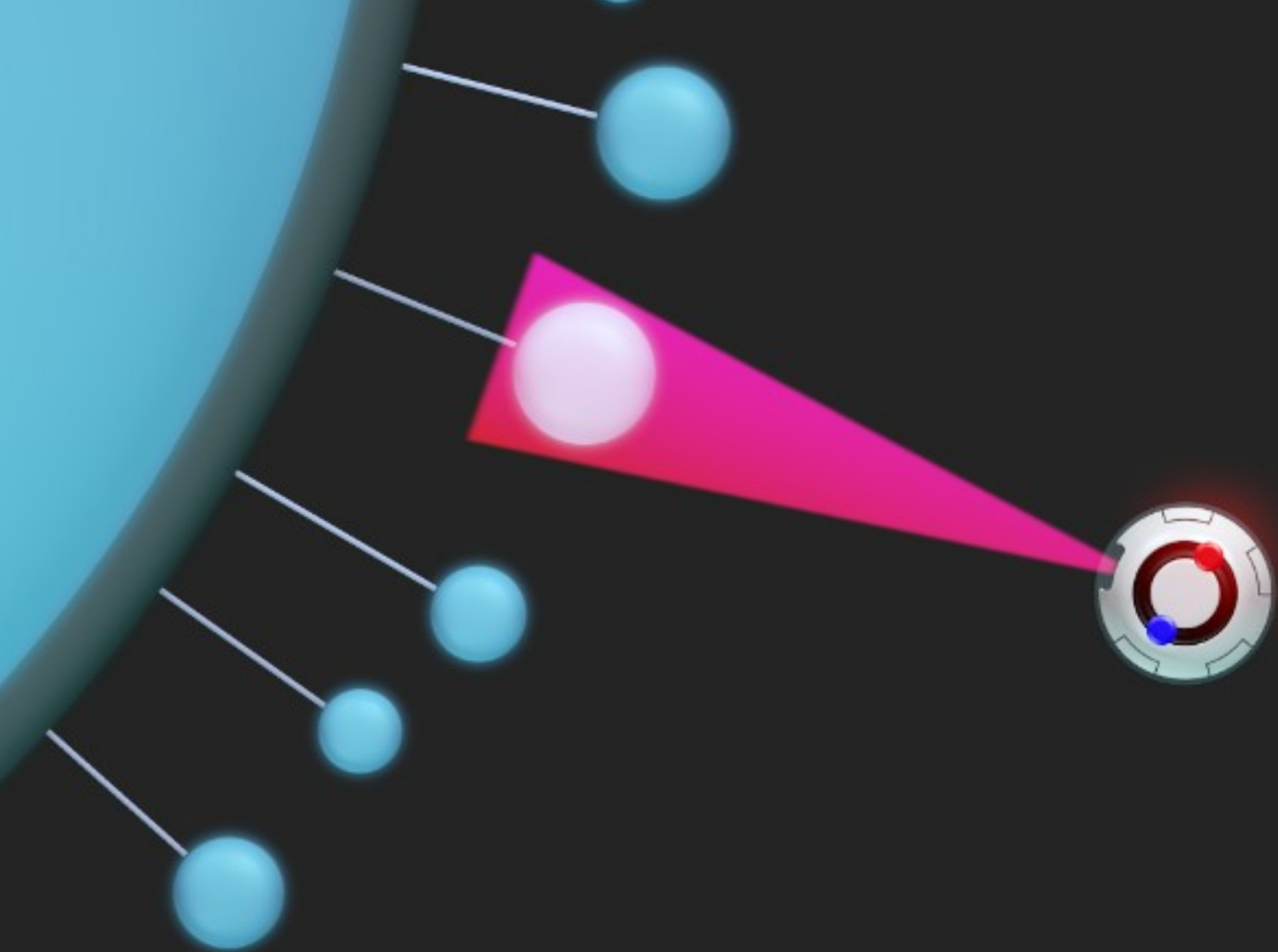
2008
A black and white line drawing of a creature with a large, rounded head and a wide, toothy grin. It is wearing a dark, textured vest.

Demo

Why MediaGoblin?





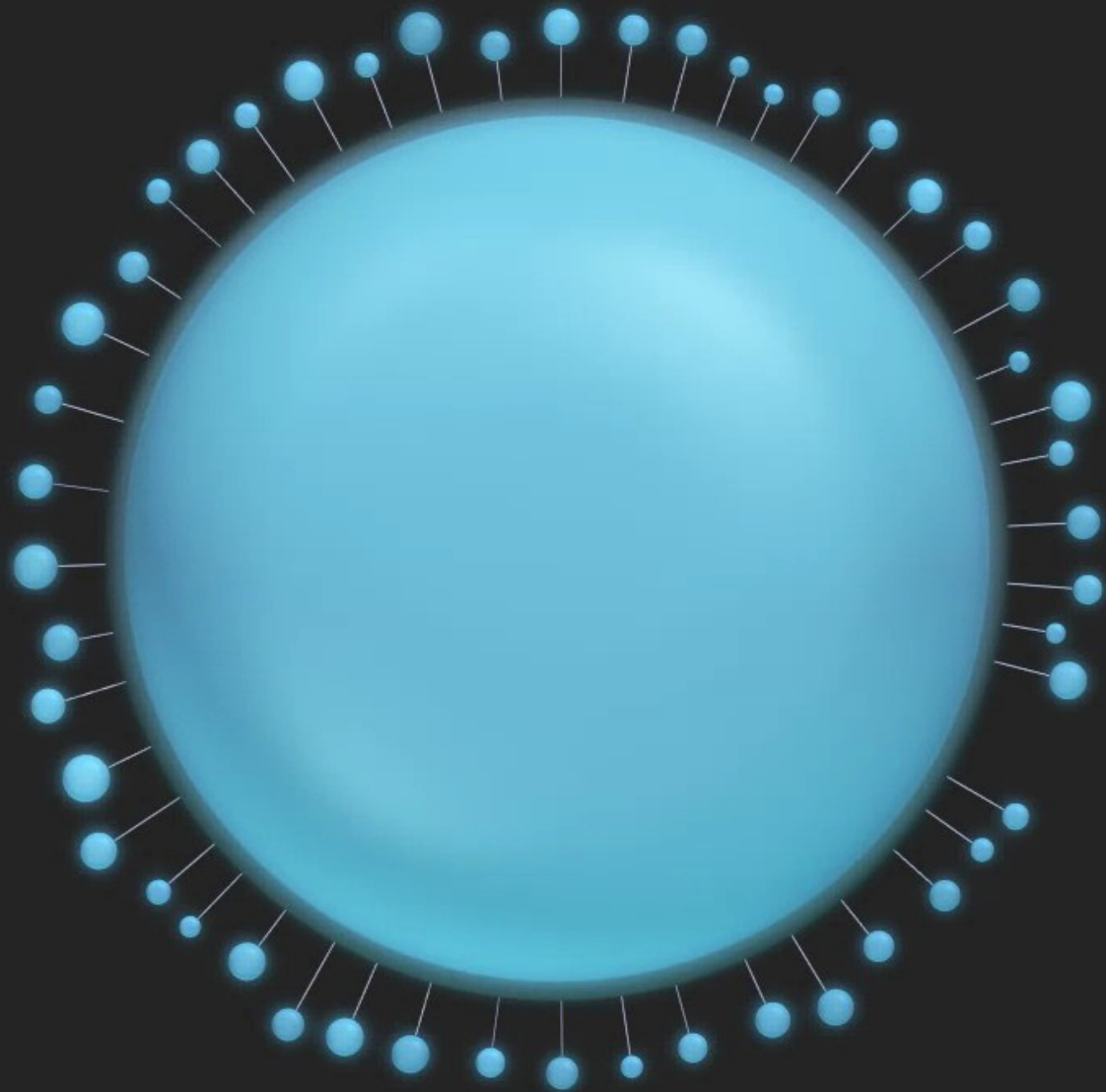


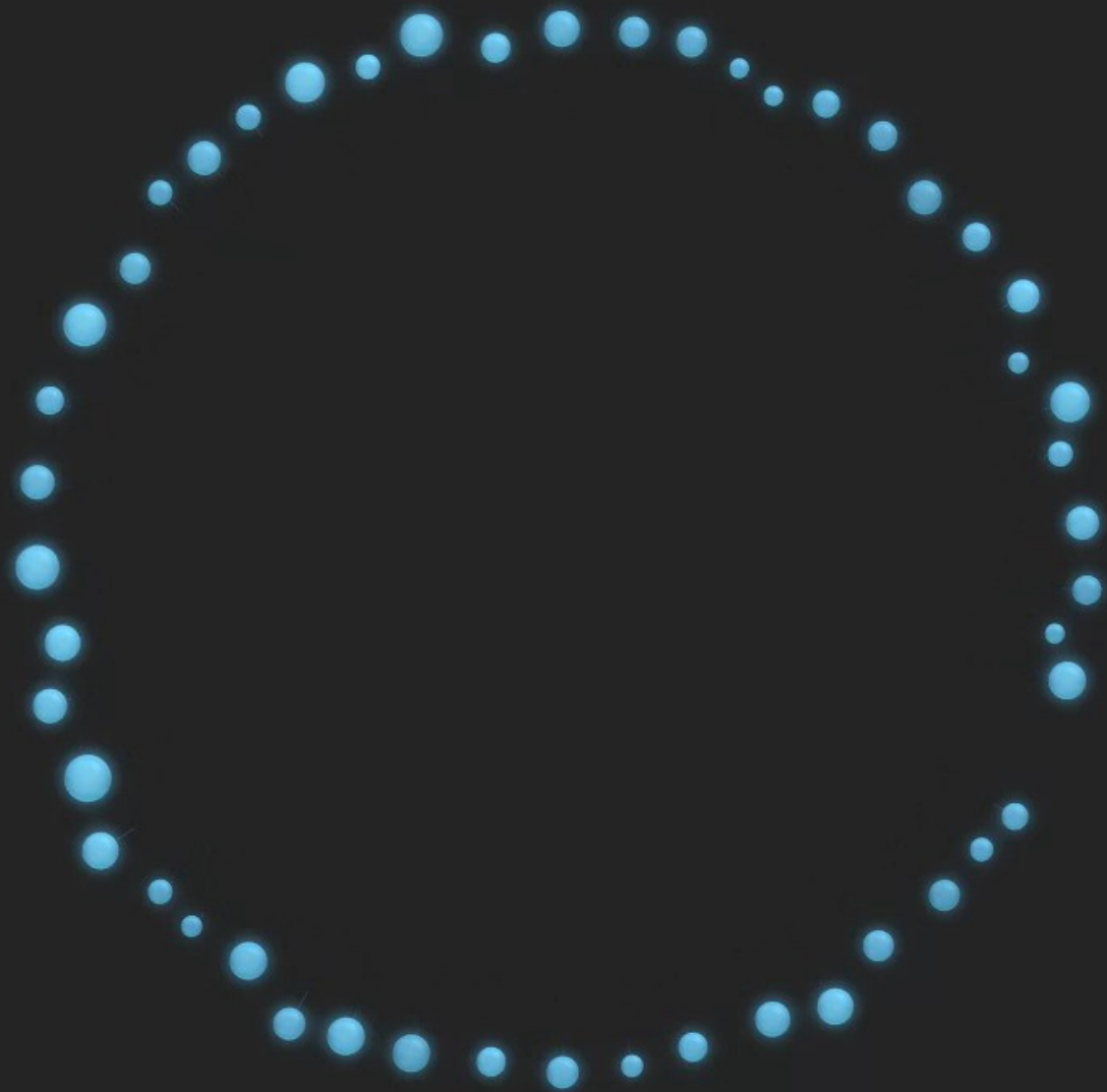
This video contains content from Sony Pictures Movies & Shows, who has blocked it on copyright grounds.

Sorry about that.



Sintel - Third Open Movie by Blender Foundation

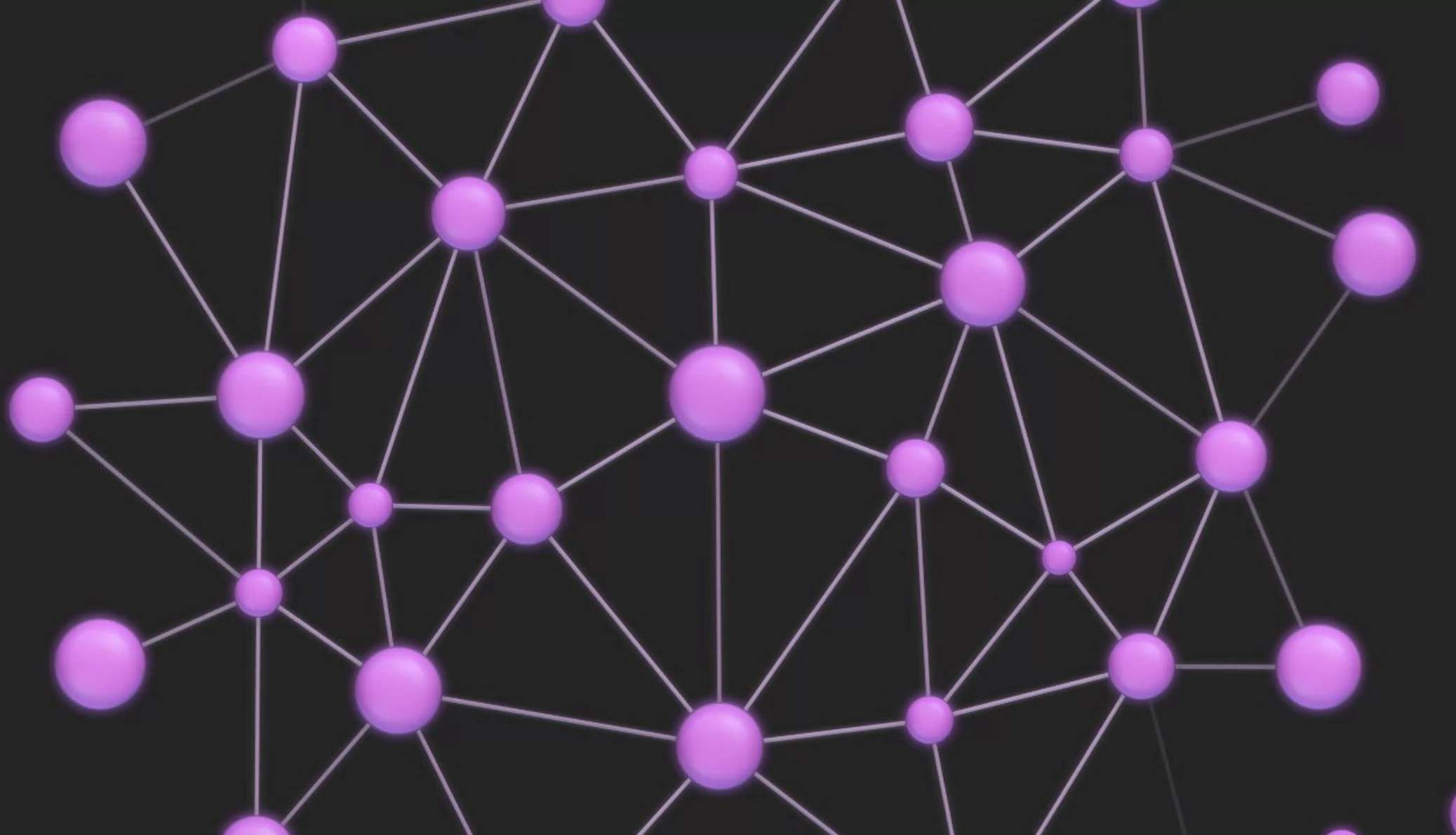




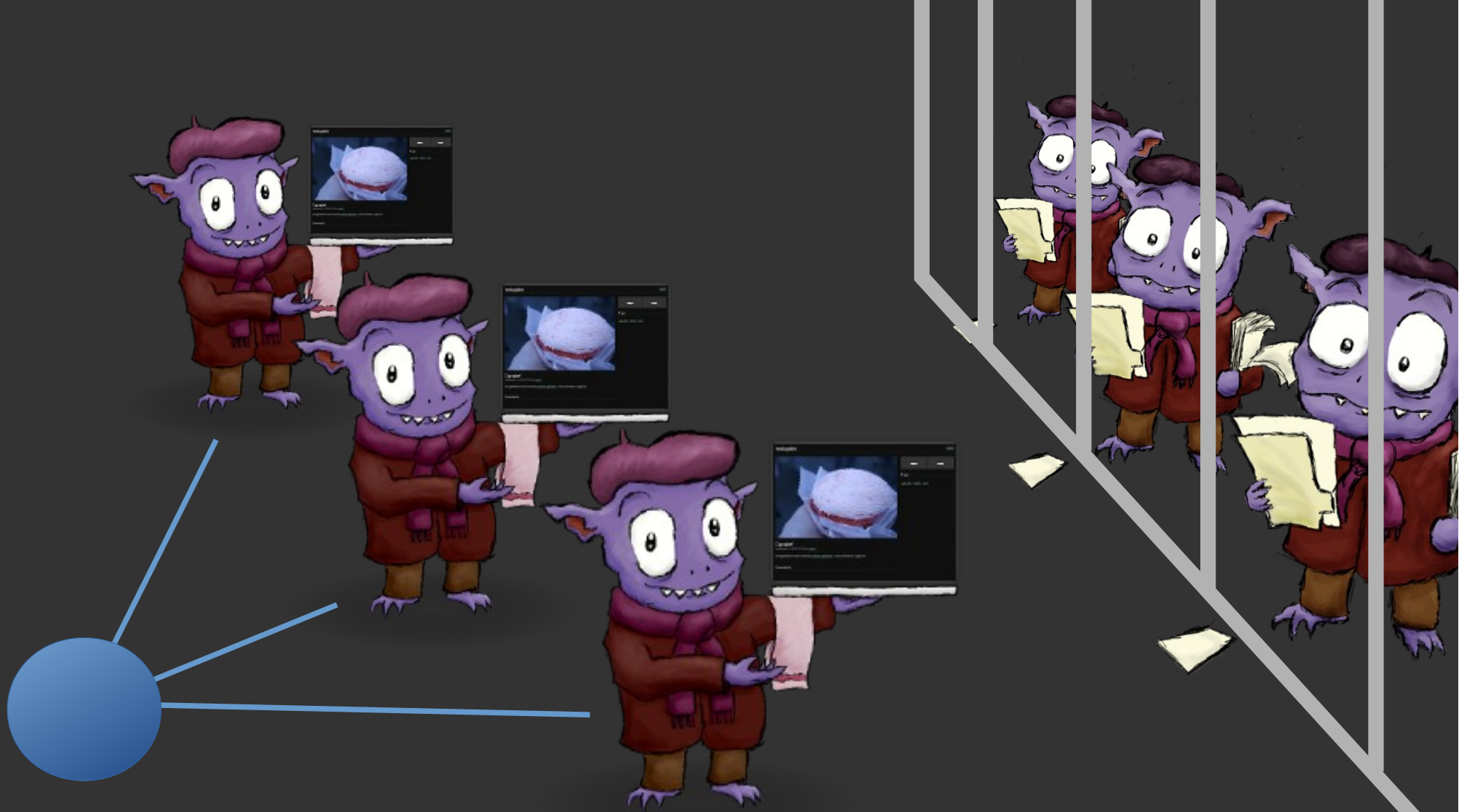
Prevent a sad internet

Think of the kittens





The Tech



Built upon

- **Jinja2** templates
- **WTForms** form validation and rendering
- **Werkzeug** URL routing, request/response (WSGI)
- **SQLAlchemy** database mapper (ORM)
- **PostgreSQL** or **SQLite** database
- **Celery** and **Kombu** task queuing and processing
- **Gstreamer 1.0** transcoding video
- early **Python 3** support

AGPLv3+

pump.io API

(JSON ActivityStreams 1.0)

Client to server API

```
{
  "verb": "post",
  "objectType": "activity",
  "object": {
    "id": "https://goblin.com/api/image/1",
    "objectType": "image",
  },
  "to": [
    {
      "id": "https://goblin.com/api/user/cwebber/followers",
      "objectType": "collection"
    }
  ]
}
```

Demo

Command-line upload

```
$ ./bin/gmg addmedia ben frog.jpg
```

```
$ ./bin/gmg addmedia ben frog.jpg \  
  --title "Pobblebonk (Banjo) Frog" \  
  --description "This frog was living in my garden." \  
  --license "http://creativecommons.org/licenses/by-sa/3.0/" \  
  --tags "frogs, gardening" \  
  --slug "pobblebonk"
```

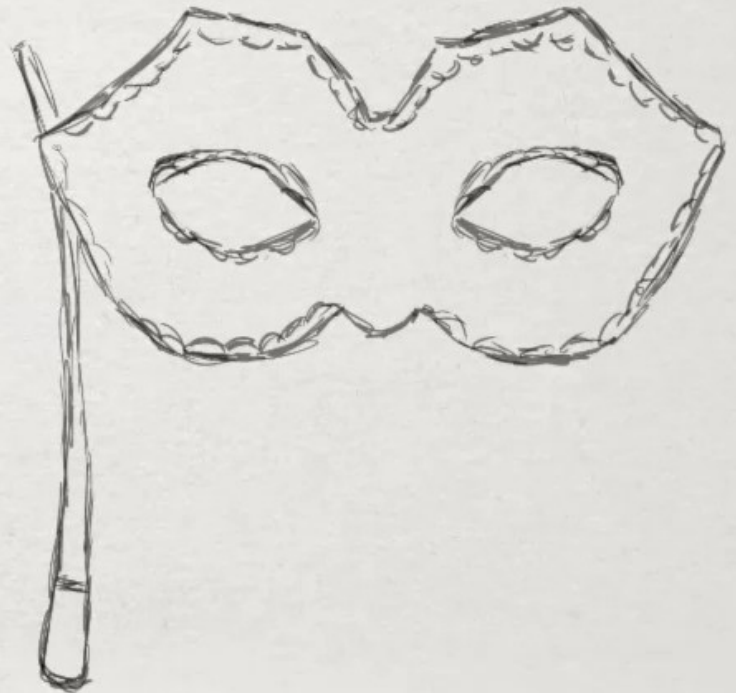
Other features

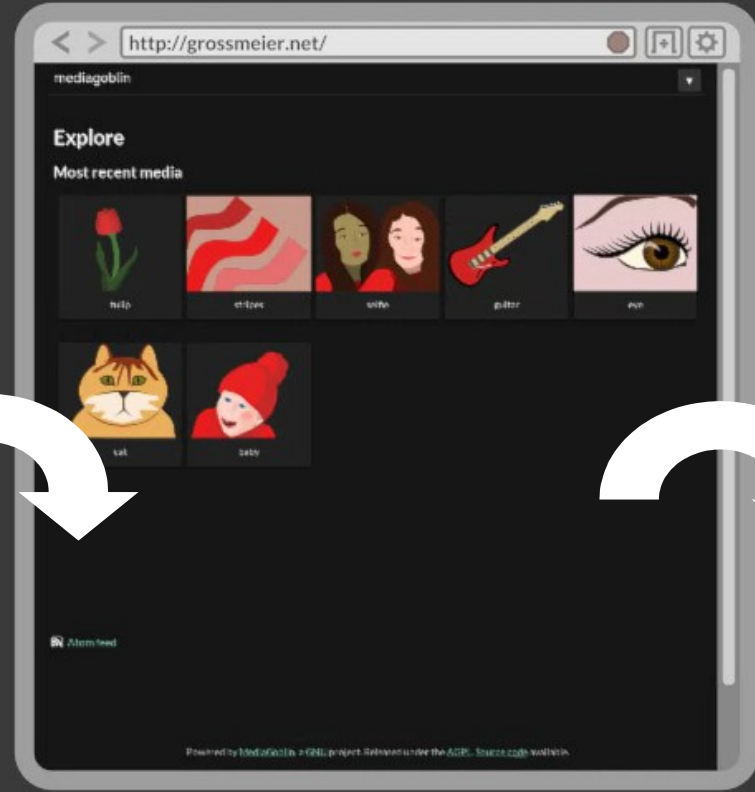
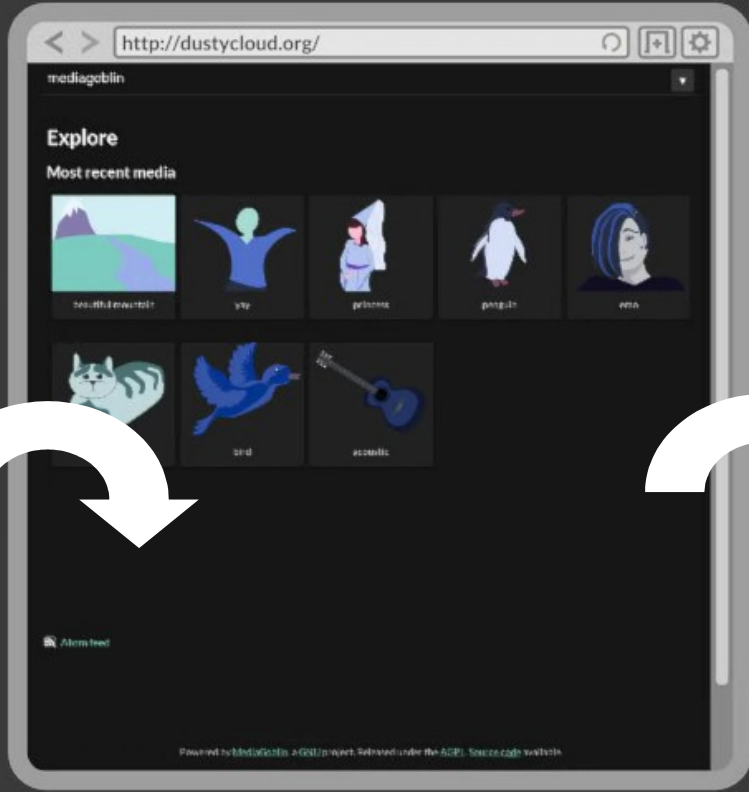
- Reporting/moderation
- Tagging
- Collections
- Geo-tagged photos
- Visual theming
- Per-user license preference
- Persona/OpenID/LDAP support

The Future

TODO LIST:

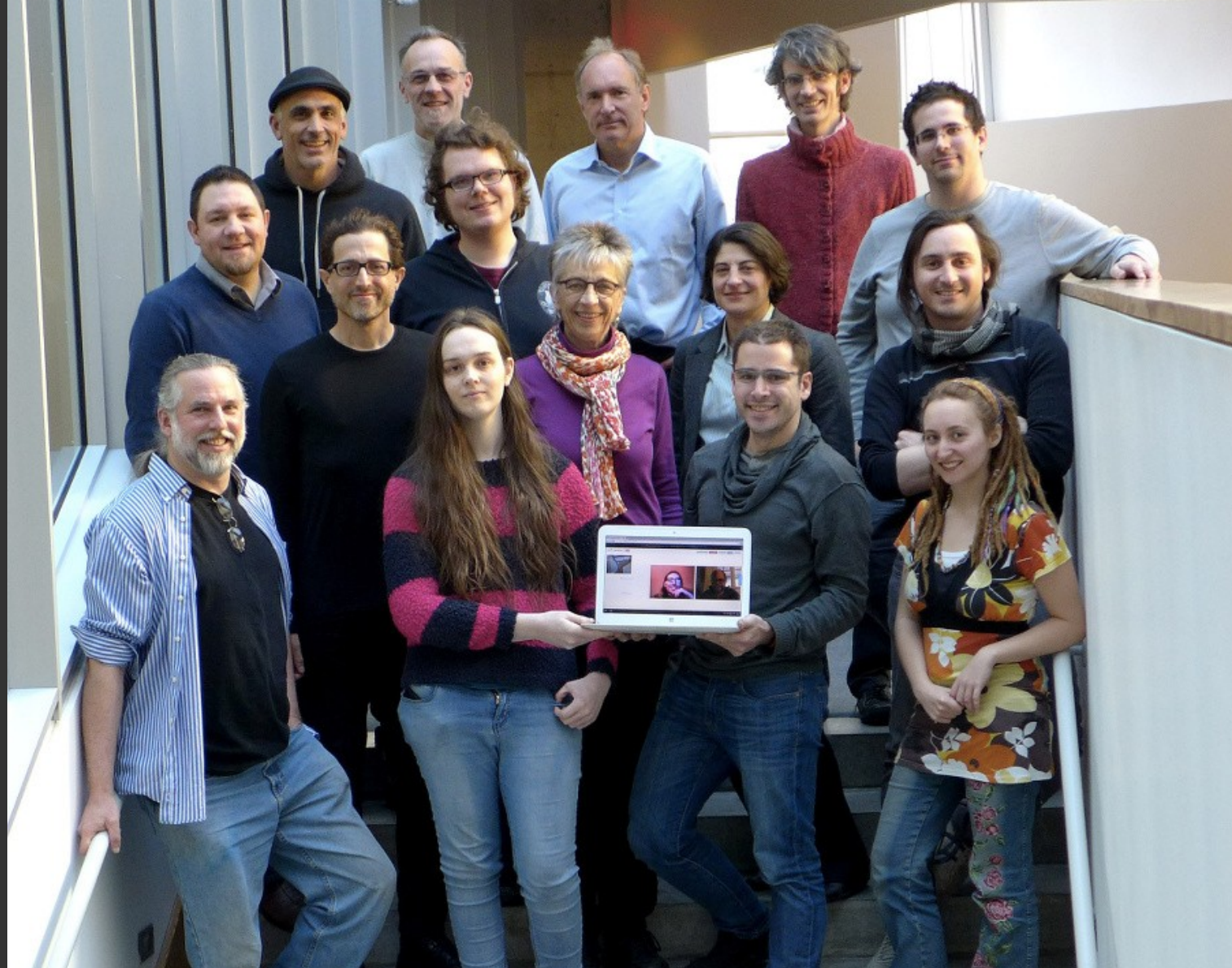
- 1) Federation!
- 2) Finish 1.Q!
- 3) Privacy features!





Server to server API

```
{
  "id": "https://mediagoblin.com/api/activity/1"
  "verb": "post",
  "objectType": "activity",
  "actor": {
    "id": "acct:cwebber@mediagoblin.com",
    "displayName": "Christopher Allan Webber",
    "objectType": "person"
  },
  "object": {
    "id": "https://mediagoblin.com/api/image/1",
    "objectType": "image",
    "url": "https://mediagoblin.com/u/cwebber/m/mediagoblin-shirt-close-up-and-badge/",
    "fullImage": "https://mediagoblin.com/mgoblin_media/media_entries/814/IMG_1011_modified.jpg"
  },
  "to": [
    {
      "id": "https://mediagoblin.com/api/user/cwebber/followers",
      "objectType": "collection"
    }
  ]
}
```

eviljoel@pump.goblinrefuge.com

4 hrs, 35 min



The Man

From Burning Man 2015.

no comments yet, be the first!

eviljoel@pump.goblinrefuge.com

4 hrs, 33 min



Feed

Media

Profile



Deploy

Turning your money into free software:

mediagoblin



A cartoon illustration of a purple goblin character with large, white eyes and a red scarf. The goblin is holding a wooden sign on a stick. The sign has a white background and a brown border, with the text "SUPPORT MEDIAGOBLIN!" written on it in a stylized, hand-drawn font. The word "SUPPORT" is in purple and "MEDIAGOBLIN!" is in blue.

SUPPORT
MEDIAGOBLIN!

Sturm

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