

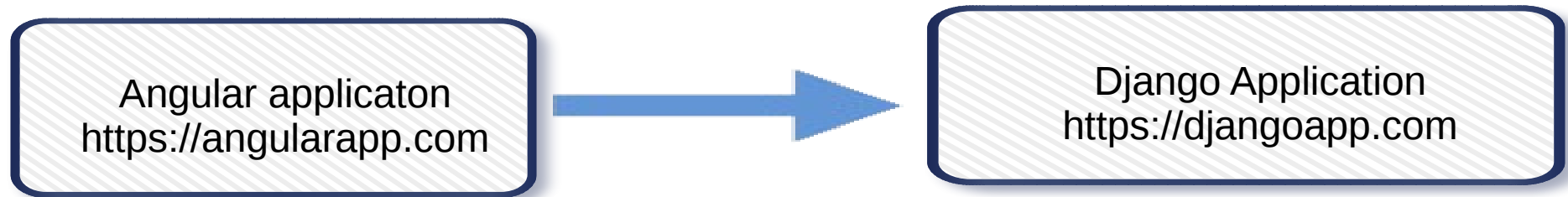
Django & CORS

Learnings

What is CORS

- Cross origin resource sharing
- Domain angularapp.com requests data from domain djangoapp.com
- Browser cries foul play – this violates same origin policy
- Support for CORS is added to djangoapp.com
- On every request djangoapp.com sends some special headers which allows abc.com to access data

Demo Code architecture



- ▯ angularapp.com used to visualize data
- ▯ djangoapp.com contains the data

Django and CORS

- Django-cors-headers library
- How does this library work?
- Fetch Static files over CORS. OOPS django-cors-headers does not work for that.. But WHY?
- One possible solution serve static files from nginx and add CORS support to nginx

CSRF middleware and CORS

- How Django CSRF works?
- Issues with Django CSRF and CORS
- Additional CSRF checks for HTTPS
- What these error messages mean?
 - REASON_NO_REFERER = "Referer checking failed - no Referer."
 - REASON_BAD_REFERER = "Referer checking failed"
 - REASON_NO_CSRF_COOKIE = "CSRF cookie not set."
 - REASON_BAD_TOKEN = "CSRF token missing or incorrect."

Browser Issues

- Third party cookies enabled?
- CORS and not so well behaved browsers
- Including the xdomain library in your django server

Questions?

Thank You!