API Workshop Notes

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An API wraps together one or more endpoints

- API is like a class
- Endpoints are called with parameters and return a value (in JSON or XML)

Tokens

- Used to control and monitor API access
- API requires a token parameter will only return data on valid token
- Generate token with username/password

CORS

- Way of controlling who gets to call the API what platform. E.g., websites, servers, mobile app
- Can whitelist a specific domain (like inrix.com)
- For us the easiest way is to just allow all access

INRIX forces us to use CORS so that no one else can access the tokens for API. So we have to use CORS to access data.

- Webapp requests Proxy API for token
- Proxy sends username/pass to INRIX
- $\bullet\,$ INRIX returns token to proxy, which returns to we bapp
- Webapp uses token to access data from INRIX