

# Netflix + REST

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# Netflix API


The Netflix logo, featuring the word "NETFLIX" in a bold, white, sans-serif font with a slight 3D effect, set against a red rectangular background.

- Introduced September 30th
- Data for over 100,000 movie and TV episode titles
- APIs
  - JavaScript API
  - REST API
  - Atom Feeds

# Features

- Search (movies, TV series, cast members, and directors)
- Details (name, box art, director, cast, etc)
- Users relationship with the title (in queue, saved, available, etc)
- Manage and display queues for users
- Auto-completion of previously typed terms
- User's ratings and reviews
- Add and Play features

The Office: Season 1 (2005)



Play Add

Average of raters like you: 4.2 stars  
Average of 673,481 ratings: 4.4 stars

At A Glance Friends Member Reviews

Play the Preview

Based on Ricky Gervais's hit BBC series, this US remake stars Steve Carell as Michael Scott, the general manager of a boring suburban office. A satire that skewers office life with deadpan humor, it co-stars John Krasinski as the lusty receptionist Pam, Rainn Wilson as the snooty boss, and B.J. Novak as temp Ryan.

ENJOYED BY MEMBERS WHO ENJOYED

[The Office: Series 1](#)

**DETAILS**

**TV 14** Parental Strong Caution: Some Material May Be Inappropriate for Children Under 14

Length: 145 minutes

Director: Ken Kwapis, Ken Whittin

Cast: Steve Carell, Jenna Fischer, B.J. Novak, David Denman

Related Movies

Genre: Television, TV Sitcoms, TV Comedies, Must-See TV Comedies

```


<catalog_title>
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http://g01-ppoolavari.netflix.com/catalog/titles/series/70023522/seasons/70023522
</id>
<etag>615873819112</etag>
<title short="The Office: Season 1" regular="The Office: Season 1"/>
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medium="http://alien2.netflix.com/us/boxshots/small/70023522.jpg"
large="http://alien2.netflix.com/us/boxshots/large/70023522.jpg"/>
<link href="http://g01-ppoolavari.netflix.com/catalog/titles/series/70023522/seasons/70023522/synopsis"
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<release_year>2005</release_year>
<category scheme="http://g01-ppoolavari.netflix.com/catalog/titles/tv_ratings" label="TV-14"/>
<category scheme="http://g01-ppoolavari.netflix.com/catalog/genres" label="Television"/>
<category scheme="http://g01-ppoolavari.netflix.com/catalog/genres" label="TV Sitcoms"/>
<category scheme="http://g01-ppoolavari.netflix.com/catalog/genres" label="TV Comedies"/>
<category scheme="http://g01-ppoolavari.netflix.com/catalog/genres" label="Must-See TV Comedies"/>
etc.

```

US life. There are less scenes with pubs and more with bars. If you've watched the BBC series don't go into this one expecting the same. 95% of US shows and not having commercials on the DVD.

419 out of 544 people found this review helpful.

I found this review

Judy Is a Punk  68% I'm one of those people

# The Idea

# Getting Started

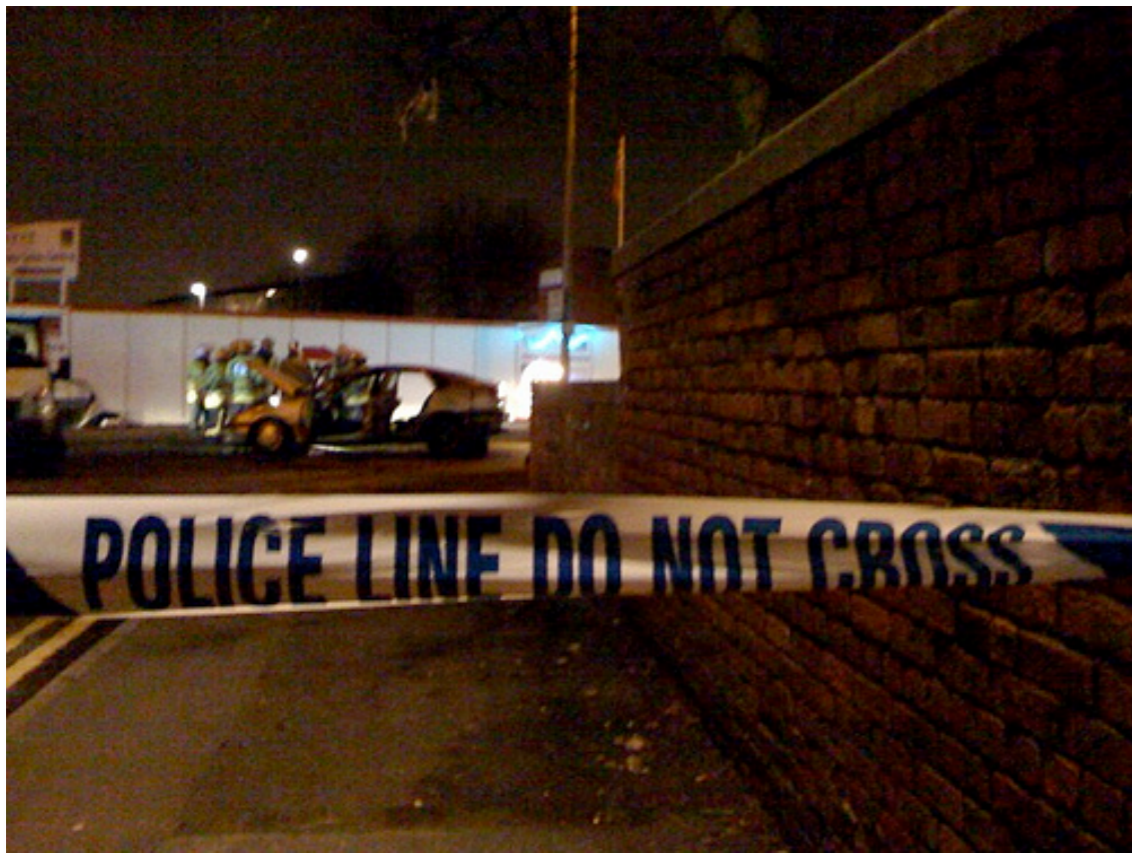
# Getting Started



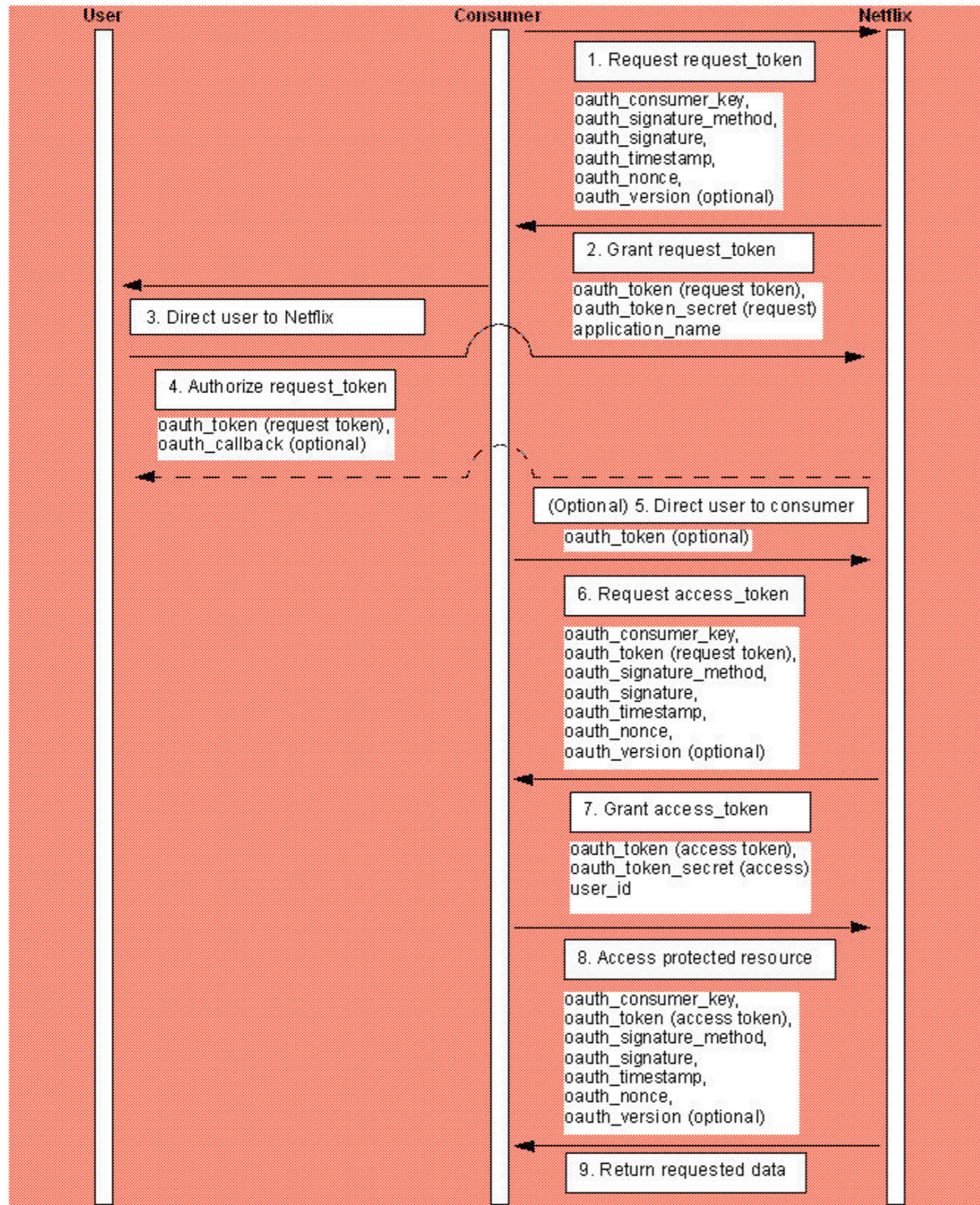
- Register  
<http://developer.netflix.com>
- Apply for an API Key  
(I got it in minutes)
- Code!

# Authentication

# Authentication



- Uses OAuth
- 3 Levels of Authentication
  - Consumer Key Only
  - Consumer Key + Signature (Encrypted secret key)
  - Consumer Key + Signature + Access Token

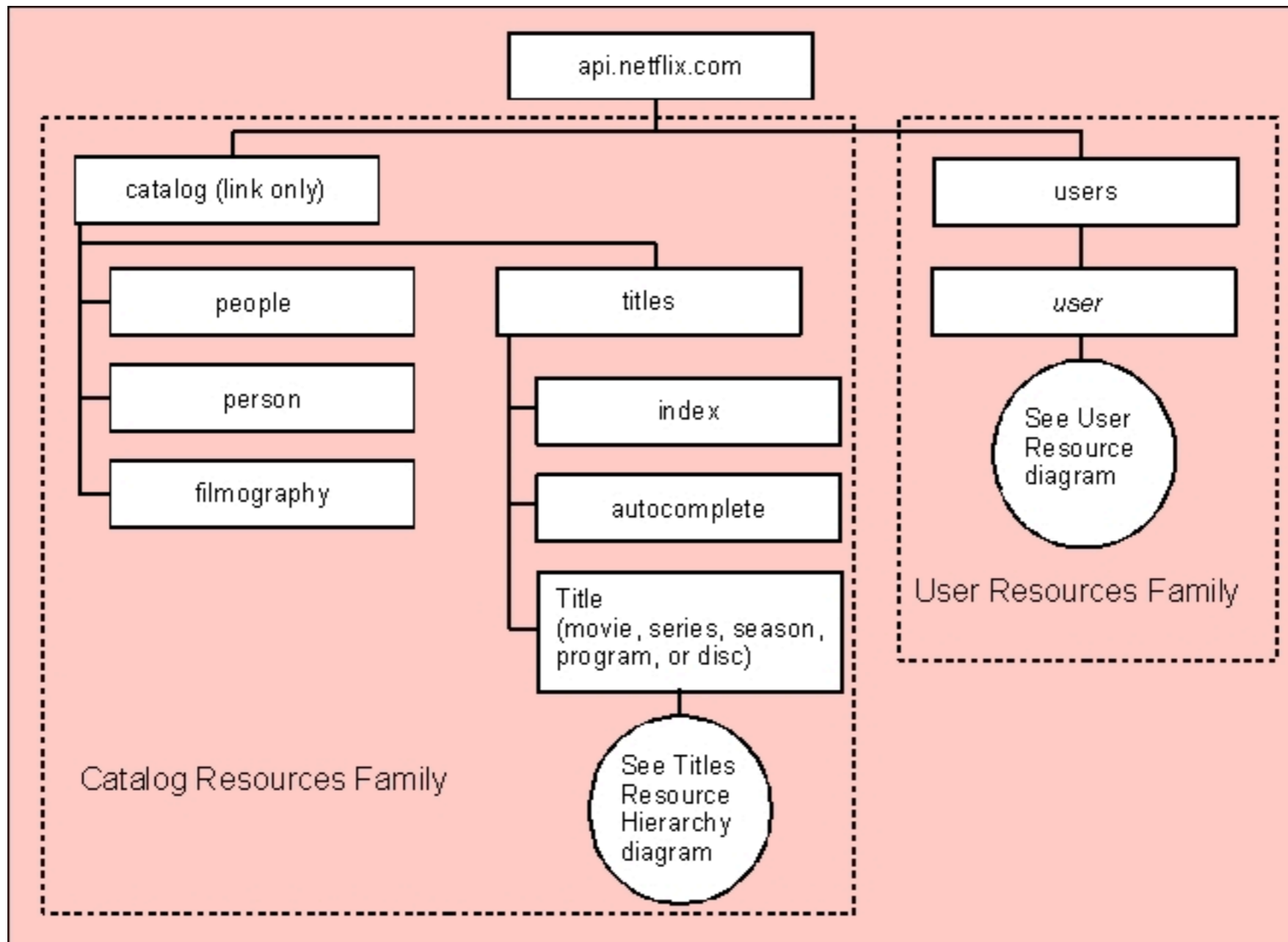


# OAuth

[http://api.netflix.com/catalog/titles?  
oauth\\_version=1.0&oauth\\_nonce=eaf6903a3a29de06b21997780d6c348d&oauth\\_timestamp  
=1223507719&oauth\\_consumer\\_key=f94k8h4x9n27ff7hjwyw373s&term=fish&oauth\\_signatur  
e\\_method=HMAC-SHA1&oauth\\_signature=YnoMyoDoNMLKajogaZjapRkmRF0%3D](http://api.netflix.com/catalog/titles?oauth_version=1.0&oauth_nonce=eaf6903a3a29de06b21997780d6c348d&oauth_timestamp=1223507719&oauth_consumer_key=f94k8h4x9n27ff7hjwyw373s&term=fish&oauth_signature_method=HMAC-SHA1&oauth_signature=YnoMyoDoNMLKajogaZjapRkmRF0%3D)

# Resources

# Resources



ex: [api.netflix.com/catalog/titles](http://api.netflix.com/catalog/titles)

# My Project

# Code



- Objective-C + Cocoa
- Jon Crosby's OAuthConsumer framework (code for other platforms available at [oauth.net/code](http://oauth.net/code))

# Demo