

# XML Project Proposal

LAPD

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# Motivação

- ❑ Gosto pelo cinema
- ❑ Juntar vários fatores numa aplicação mais pessoal

# Objetivos

- ❏ Pesquisa
- ❏ Informações
- ❏ Votação e comentário
- ❏ Listas

# Estado da Arte - IMDB

- ❑ Base dados com informação de filmes, series e jogos.
- ❑ Mais de 51M utilizadores.
- ❑ Pontuação de 0 a 10.



The screenshot displays the IMDb interface for the movie 'Mr. Holmes'. At the top, there is a search bar and navigation links for 'IMDb', 'Movies, TV & Showtimes', 'Celebs, Events & Photos', 'News & Community', and 'Watchlist'. The main content area features a large poster of Ian McKellen as Sherlock Holmes, with the title 'Mr. Holmes' and the text 'THE MAN BEHIND THE MYTH COMING SOON'. To the right of the poster, the movie title 'Mr. Holmes (2015)' is shown, along with its runtime (103 min), genre (Crime, Drama, Mystery), and release date (17 July 2015 (USA)). A star rating of 8.5 is displayed, with a breakdown of ratings from 602 users and 20 critics. Below the rating, a synopsis describes an aged, retired Sherlock Holmes looking back on his life. The director is listed as Bill Condon, and the writers are Mitch Cullin and Arthur Conan Doyle. The stars are Ian McKellen, Laura Linney, and Hiroyuki Sanada. A 'Quick Links' section on the right provides shortcuts to the full cast and crew, plot summary, trivia, quotes, awards, message board, and company credits. A 'Related News' section at the bottom right features two articles: 'Mr. Holmes Clip Sees Ian McKellen Embark On One Final Case' and 'Human Nature is the Biggest Mystery in Latest 'Mr. Holmes' Teaser'. At the bottom of the page, there are sections for 'Videos' and 'Photos'.

Find Movies, TV shows, Celebrities and more... All Q IMDbPro IMDb Apps Help

Movies, TV & Showtimes Celebs, Events & Photos News & Community Watchlist Login

**Mr. Holmes (2015)** Top 500

103 min | Crime, Drama, Mystery | 17 July 2015 (USA)

**Your rating:** ★★★★★★ 8.5 Ratings: 8.5/10 from 602 users Reviews: write review | 20 critic

An aged, retired Sherlock Holmes looks back on his life, and grapples with an unsolved case involving a beautiful woman.

**Director:** Bill Condon  
**Writers:** Mitch Cullin (based on the novel by), Arthur Conan Doyle (characters), 2 more credits »  
**Stars:** Ian McKellen, Laura Linney, Hiroyuki Sanada | See full cast and crew »

Contact the Filmmakers on IMDbPro »

+ Watchlist Watch Trailer Share...

**Videos**

on IMDb 00:51 Trailer on IMDb 01:11 Trailer

**Photos**

**Quick Links**

Full Cast and Crew Plot Summary Trivia Parents Guide Quotes User Reviews Awards Release Dates Message Board Company Credits

Explore More

**f Gosto** 6.589 pessoas gostam disto. Sé o primeiro entre os teus amigos.

**Related News**

Mr. Holmes Clip Sees Ian McKellen Embark On One Final Case  
23 March 2015 4:39 PM, UTC | We Got This Covered

Human Nature is the Biggest Mystery in Latest 'Mr. Holmes' Teaser  
23 March 2015 4:16 PM, UTC | firstshowing.net

Watch: Ian McKellen Investigates The Mystery Of Human Nature In

# Estado da Arte - IMDB

## ❏ Vantagens:

- Base de dados fiável e completa.



## ❏ Desvantagens:

- Não tem API.
- Pontuação dos filmes recentes inflacionada.

# Estado da Arte - Rotten Tomatoes

❏ Base de dados,  
criticada e  
avaliada por  
profissionais.

**Rotten Tomatoes** Search movies, TV, actors, more... What's the Tomatometer? RT Critics Newsletter Miguel

MOVIES & DVDS TV NEWS TICKETS & SHOWTIMES

TRENDING ON RT TV Spinoffs Something Rotten Better Call Saul Reviews Mission: Impossible Trailer FOLLOW US

**IN THEATERS**

**TV SHOWS**

**DVD & STREAMING**

**OPENING**

31%	Get Hard	27/3
40%	Home	27/3
24%	Serena	27/3
83%	While We're Young	27/3
74%	The Riot Club (Posh)	27/3


View All >

**TOP BOX OFFICE**

31%	Insurgent	\$52.3M
84%	Cinderella	\$35.0M
60%	Run All Night	\$5.0M
13%	The Gunman	\$5.0M
74%	Kingsman: The Secret Service	\$4.6M
9%	Do You Believe?	\$3.6M
63%	The Second Best Exotic Ma...	\$3.5M
55%	Focus	\$3.2M
30%	Chappie	\$2.7M
76%	The SpongeBob Movie: Sp...	\$2.4M

View All >

**MR. HOLMES (2015)**



**TOMATOMETER** 100% All Critics | Top Critics


Average Rating: 7/10  
Reviews Counted: 11  
Fresh: 11  
Rotten: 0

Critics Consensus: No consensus yet.

**AUDIENCE SCORE** 99% want to see


Average Rating: 3.7/5  
User Ratings: 270

**TRAILER**



HD VIDEO

**PHOTOS**



**ADD YOUR RATING**

+ WANT TO SEE NOT INTERESTED

☆☆☆☆☆

Add a Review (Optional)

# Estado da Arte - Rotten Tomatoes

## ❏ Vantagens:

- credibilidade das críticas feitas aos filmes.



## ❏ Desvantagens:

- Api apenas permite 10 requests por segundo.



# Estado da Arte - Tract.tv

□ Uma plataforma social online que permite ao utilizador manter um registo das séries que acompanha e dos filmes que já viu.

q TV Movies Calendar Downloads VIP Miguel Ribeiro

**Mr. Holmes** 2015

♥ 85% 2 VOTES 6 WATCHERS 7 PLAYS 10 COLLECTED 149 LISTS

♡ RATE THIS MOVIE

We don't love ads either, but they help pay the bills.  
Advertising will be removed when you sign up for VIP.

**OVERVIEW**

ACTORS

COMMENTS

IMDB

TMDB

FANARTTV

WIKIPEDIA

REFRESH DATA

SET COVER

RELEASED July 1, 2015 LANGUAGE English RUNTIME 103 minutes CERTIFICATION

GENRES Crime, Drama, Mystery

The story is set in 1947, following a long-retired Holmes living in a Sussex village with his housekeeper and rising detective son. But then he finds himself haunted by an unsolved 50-year old case. Holmes' memory isn't what it used to be, so he only remembers fragments of the case: a confrontation with an angry husband, a secret bond with his beautiful but unstable wife.

CHECK IN

ADD TO HISTORY

ADD TO COLLECTION

ADD TO LIST

# Estado da Arte - Tract.tv

## ❏ Vantagens:

- Listagem dos filmes já vistos.
- Existência de uma watchlist.
- Possibilidade de acompanhar as atualizações dos amigos.

## ❏ Desvantagens:

- Algumas funcionalidades só disponíveis no plano pago.



**TRAKT**

# Estado da Arte - Letterboxd

- ❑ Rede social de filmes focada nos amantes de cinema.
- ❑ comunidade que visa a partilha de opiniões acerca de filmes e classificação dos mesmos.



The screenshot displays the Letterboxd website interface. At the top, the Letterboxd logo is on the left, and navigation links for 'SIGN IN', 'CREATE ACCOUNT', 'FILMS', 'LISTS', and 'PEOPLE' are on the right. A search bar is also present. Below the header, a banner states 'Letterboxd is a social site for sharing your life in film. Join now, for free!' with a red 'GET STARTED' button.

The main content area features the movie 'Mr. Holmes' (2015) directed by Bill Condon. On the left is the movie poster, which shows Ian McKellen as Sherlock Holmes. Below the poster are icons for eye count (46), list count (152), and heart count (7), along with an 'Amazon US' button and a 'Search on Amazon' input field.

To the right of the poster, the movie title 'Mr. Holmes' is followed by the year '2015' and 'Directed by Bill Condon'. A synopsis follows: 'The story is set in 1947, following a long-retired Holmes living in a Sussex village with his housekeeper and rising detective son. But then he finds himself haunted by an unsolved 50-year old case, Holmes' memory isn't what it used to be, so he only remembers fragments of the case: a confrontation with an angry husband, a secret bond with his beautiful but unstable wife.'

Below the synopsis are tabs for 'CAST', 'CREW', and 'GENRES'. The cast list includes Ian McKellen, Laura Linney, Milo Parker, Zak Shukor, and Hattie Morahan. The runtime is listed as '103 mins' with a link to 'More details at IMDb / TMDb'.

On the right side of the movie details, there is a 'Share this film' button, a 'RATINGS' section with a bar chart and a 'More' link, and a 'WATCHED BY' section showing profile pictures of users who watched the film, with a 'More' link and a count of '46 people'.

At the bottom, the 'POPULAR REVIEWS' section shows a review by ZlatkoGR with a 4.5-star rating. The review text is in Greek: 'φανταστικός McKellen, του πάει πολύ ο Holmes επίσης: συγκινήθηκα'. It has '1 like'.

# Estado da Arte - Letterboxd

## ❏ Vantagens:

- Permite ao utilizador organizar a sua biblioteca de filmes num conjunto de listas que podem ser criadas conforme a sua necessidade.

## ❏ Desvantagens:

- Funcionalidades extra unicamente acessíveis através de pagamento.
- Não tem API.



# Estado da Arte - Metacritic

site americano que reúne opiniões sobre álbuns, jogos, filmes, series entre outros.

The screenshot shows the Metacritic website interface for the movie "Sherlock Holmes". The top navigation bar includes the Metacritic logo, tabs for Movies, Games, TV, Music, and Features, and a search bar. Below the navigation bar, the movie's title "Sherlock Holmes" is displayed, along with the release date "Dec 25, 2009" and social media links for Twitter and Facebook. The main content area features a "Summary" tab, a "Metascore" of 57 (Mixed or average reviews based on 34 Critics), and a "User Score" of 7.4 (Generally favorable reviews based on 535 Ratings). A "What's this?" link is provided for the User Score. The "Summary" section includes a synopsis of the movie, starring Jude Law, Rachel McAdams, and Robert Downey Jr., and a "See the trailer" button. A "Watch on amazon" button is also visible. The "Critic Reviews" section shows a breakdown of reviews: Positive (17), Mixed (13), and Negative (4). A review from the New York Daily News by Joe Neumaier is highlighted, giving the movie a score of 80. The "User Reviews" section shows a breakdown of reviews: Positive (148), Mixed (23), and Negative (21). A review from Angelsdawn is highlighted, giving the movie a score of 10. The right sidebar contains "Essential Links" such as "Now In Theaters: What's New", "Now In Theaters: A-Z", "Coming Soon to Theaters", "DVD: What's New", "DVD: Upcoming Releases", "All-Time High Scores", and "2015 High Scores". It also lists "10 Films to See in March" and "2015 Oscar Winners". The bottom section, "Current Movie Releases", lists movies by Metascore and by user score, including "Selma", "It Follows", "Inherent Vice", "A Most Violent Year", "Interstellar", "The Imitation Game", and "American Sniper".

metacritic Movies Games TV Music Features Search Metacritic

New Releases Coming Soon High Scores Browse A-Z Publications Critics People Trailers majvr93 Settings Log Out

## Sherlock Holmes

Warner Bros. Pictures | Release Date: Dec 25, 2009

Tweet 2 Like 6

Summary Critic Reviews User Reviews Details & Credits Trailers & Videos

**Metascore**  
57 Mixed or average reviews based on 34 Critics  
[What's this?](#)

**User Score**  
7.4 Generally favorable reviews based on 535 Ratings  
Your Score: 0

Starring: Jude Law, Rachel McAdams, Robert Downey Jr.  
Director: Guy Ritchie  
Genre(s): Action, Adventure, Mystery, Thriller, Crime  
Rating: PG-13  
Runtime: 128 min  
[More Details and Credits](#)

Summary: Sherlock Holmes has made his reputation finding the truth at the heart of the most complex mysteries. With the aid of Dr. John Watson, his trusted ally, the renowned "consulting detective" is unequalled in his pursuit of criminals of every stripe, whether relying on his singular powers of... [Expand](#)

[See the trailer](#)

Watch on **amazon** instant video

### Critic Reviews

Positive: 17  
Mixed: 13  
Negative: 4

**80** New York Daily News  
Joe Neumaier  
Downey has a winning take on Holmes: He's always on.

### User Reviews

Positive: 148  
Mixed: 23  
Negative: 21

**10** Angelsdawn  
Sep 6, 2010  
I'm loving the reviews here, the stupidity within the statements: "It was too rational" and "It was too..."

### Essential Links

[Now In Theaters: What's New](#)  
[Now In Theaters: A-Z](#)  
[Now In Theaters: What's Good](#)  
[Coming Soon to Theaters](#)  
[DVD: What's New](#)  
[DVD: Upcoming Releases](#)  
[All-Time High Scores](#)  
[2015 High Scores](#)

[10 Films to See in March](#)  
[2015 Oscar Winners](#)

[More articles](#)

### Current Movie Releases

By Metascore By user score

**89** Selma  
**83** It Follows  
**81** Inherent Vice  
**79** A Most Violent Year  
**74** Interstellar  
**73** The Imitation Game  
**72** American Sniper

# Estado da Arte - Metacritic

## ❏ Vantagens:

- Plataforma gratuita disponível a todos os utilizadores.



## ❏ Desvantagens:

- Avaliações podem ser influenciadas pelo seu baixo numero de votações.

# Domínio Analizado

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<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<movie>
  <actors>
    <actor>
      <actorId>nm0005212</actorId>
      <actorName>Ian McKellen</actorName>
      <character>Sherlock Holmes</character>
      <urlCharacter>http://www.imdb.com/character/ch0026631</urlCharacter>
      <urlPhoto>http://ia.media-imdb.com/images/M/MV5BMTQ2MjgyNjk3MV5BM15B
        anBnXkFtZTcwNTA3NTY5Mg@@._V1_SY44_CR0,0,32,44_AL_.jpg</urlPhoto>
      <urlProfile>http://www.imdb.com/name/nm0005212</urlProfile>
    </actor>
    <actor>
      <actorId>nm6057785</actorId>
      <actorName>Milo Parker</actorName>
      <character>Roger</character>
      <urlCharacter>http://www.imdb.com</urlCharacter>
      <urlPhoto></urlPhoto>
      <urlProfile>http://www.imdb.com/name/nm6057785</urlProfile>
    </actor>
  </actors>
  <countries>
    <country>UK</country>
    <country>USA</country>
  </countries>
  <directors>
    <director>
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      <nameId>nm0174374</nameId>
    </director>
  </directors>
  <filmingLocations>Sussex</filmingLocations>
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  <filmingLocations>UK</filmingLocations>
  <genres>
    <genre>Crime</genre>
    <genre>Drama</genre>
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  </genres>
  <idIMDB>tt3168230</idIMDB>
```

```
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  <language>English</language>
  <language>Japanese</language>
</languages>
<metascore></metascore>
<originalTitle></originalTitle>
<plot>The story is actually set in 1947, following a long-retired Holmes living
  in a Sussex village with his housekeeper and rising detective son. But then he
  finds himself haunted by an unsolved 50-year old case. Holmes memory isn't what
  it used to be, so he only remembers fragments of the case: a confrontation with
  an angry husband, a secret bond with his beautiful but unstable wife.</plot>
<rated></rated>
<rating>8.6</rating>
<releaseDate>20150619</releaseDate>
<runtime>103 min</runtime>
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<urlPoster>http://ia.media-imdb.com/images/M/MV5BMjAwMTc3MTc0N15BM15BanBnXkFtZTgwND
  E1NDg2NDE@._V1_SX214_AL_.jpg</urlPoster>
<votes>450</votes>
<Writers>
  <Writer>
    <name>Mitch Cullin</name>
    <nameId>nm1616194</nameId>
  </Writer>
  <Writer>
    <name>Arthur Conan Doyle</name>
    <nameId>nm0236279</nameId>
  </Writer>
</Writers>
<year>2015</year>
</movie>
```

Exemplo retirado: <http://www.myapifilms.com/>



# Solução Definida

## 2 XML:

- Filmes + Ratings/Comentários
- Listas pessoais



# Solução Definida

## Filmes + Ratings/Comentários

```
<movies>
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    <movieId>tt3168230</movieId>
    <url>http://www.imdb.com/title/tt3168230</url>
    <title>Mr. Holmes</title>
    <year>2015</year>
    <releaseDate>20150619</releaseDate>
    <runtime>103 min</runtime>
    <genres>
      <genre>Crime</genre>
      <genre>Drama</genre>
      <genre>Mystery</genre>
    </genres>
    <simplePlot>An aged, retired Sherlock Holmes looks back on his life, and
    grapples with an unsolved case involving a beautiful woman.</simplePlot>
    <directors>
      <director>
        <name>Bill Condon</name>
        <nameId>nm0174374</nameId>
      </director>
    </directors>
    <imdbRating>8.6</imdbRating>
    <imdbTotalVotes>450</imdbTotalVotes>
    <actors>
      <actor>
        <actorId>nm0005212</actorId>
        <actorName>Ian McKellen</actorName>
        <character>Sherlock Holmes</character>
        <urlCharacter>http://www.imdb.com/character/ch0026631</
        urlCharacter>
        <urlPhoto>http://ia.media-imdb.
        com/images/M/MV5BMTQ2MjgyNjk3MV5BM15BanBnXkFtZTcwNTA3NTY5Mg@@.
        _V1_SY44_CR0,0,32,44_AL_.jpg</urlPhoto>
        <urlProfile>http://www.imdb.com/name/nm0005212</urlProfile>
      </actor>
```

```
      <actor>
        <actorId>nm6057785</actorId>
        <actorName>Milo Parker</actorName>
        <character>Roger</character>
        <urlCharacter>http://www.imdb.com</urlCharacter>
        <urlPhoto></urlPhoto>
        <urlProfile>http://www.imdb.com/name/nm6057785</urlProfile>
      </actor>
    </actors>

    <appRating>10</appRating>
    <appTotalVotes>2</appTotalVotes>
    <appTotalWatched>3</appTotalWatched>
    <appTotalToWatch>5</appTotalToWatch>
    <userComments>
      <comment commentId="1" userId="123">
        Cool movie
      </comment>
    </userComments>
  </movie>
</movies>
```

# Solução Definida

## Listas pessoais

```
<users>
  <user userName="User1" userId="123">
    <toSeeList>
      <movieId>tt0988045</movieId>
      <movieId>tt1515091</movieId>
    </toSeeList>
    <seenList>
      <movie>
        <movieId>tt3168230</movieId>
        <personalClassification>10</personalClassification>
        <comment commentId="1">Cool movie</comment>
      </movie>
    </seenList>
  </user>
</users>
```

# Calendário

- ❑ Arquitectura e Protótipo (30/Abril/2015)
- ❑ Aplicação XML (4/Junho/2015)
- ❑ Apresentação Final e Conclusão (4/Junho/2015)

Perguntas?