



**CBS SPORTS.COM**

Fantasy APIs

# Overview

- Fantasy Open Platform
- Developer Center
- Authentication Protocol
- API Protocol
- API Resources
- App Central

# Fantasy Open Platform

- Why did we open up our Platform?
- Size of our target audience
- Benefits to Fantasy Players
- Benefits to Developers

# Developer Center

- Creating a Developer Account
  - <http://developer.cbssports.com/>
  - Basic and Premium Developers
- Creating an Application
  - IFrame and Content Applications
- Creating a Developer League
- Documentation
- Developer Forum and Support

# Authentication Protocol

- OAuth 2.0
- Access Tokens
  - [https://api.cbssports.com/general/oauth/generate\\_token](https://api.cbssports.com/general/oauth/generate_token)
  - IFrame Apps
    - Access Token, Encrypted User ID, Sport, and League ID passed to the IFrame
  - Content Applications
    - Request Access Token using App ID and App Secret
  - After-Hours Token
    - Request Access Token using App ID, App Secret, Encrypted User ID, Sport, and League ID
  - Token Expiration
    - Tokens Expire after 3 days

# API Protocol

- RESTful APIs
  - HTTP Request Methods map to action on a resource
  - GET, POST, PUT, DELETE to Retrieve, Create, Update, and Delete Resource
  - HTTP Response Codes
- Supported Response Formats
  - XML, JSON, and JSONP

# Resources

- Player Research Data
- Fantasy League Settings
- Fantasy League Teams and Owners
- Fantasy League Stats and Standings
- Transactions – Add/Drops, Trades, Lineups
- News and Headlines
- Fantasy League Message Boards

# Sample Resource

- Player Updates

- Request

- GET

- [http://api.cbssports.com/fantasy/players/updates?  
access\\_token=access\\_token](http://api.cbssports.com/fantasy/players/updates?access_token=access_token)

- Response

- HTTP Response Code 200 OK

- XML Response

- ```
<result uriAlias="/players/updates" uri="/players/updates" statusCode="200"
statusMessage="OK">
```

- ```
  <body>...</body>
```

- ```
</result>
```

- JSON Response

- ```
{ "body" : { ... }, "uriAlias" : "/players/updates", "statusMessage" : "OK", "uri" :
"/players/updates", "statusCode" : 200 }
```



# App Central

- <http://www.cbssports.com/fantasy/apps>
- Existing Applications
  - Draft Applications
  - Player Research Applications
  - Player Updates/Outlooks
  - Transactions Applications

# Fantasy APIs

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