



## API Services and Developers Kit

KickApps APIs (Application Programming Interfaces) provide you direct “code-level” access to all KickApps-powered features and community data, giving you complete control over your page designs and powerful options for integrating your KickApps-powered community with other websites and services.

The APIs are a supplemental feature, augmenting the core KickApps hosted platform of hosted pages, feeds, and widgets.

### Your API Deployment Options

Depending on your technical resources, you can use both the KickApps Developer’s Kit as well as our professional services team. The Developers Kit enables you to access our most commonly used functionality through REST and SOAP APIs. It includes reference documentation, sample applications, and support. The summary tables on the next page show the available calls and functionality.

If you choose to use KickApps' professional services team to build a custom API-based implementation, we'll map your requirements to the best and most efficient solutions for you, such as where to use hosted pages, Widgets, feeds, and API calls. To get started, you should have clear, detailed requirements (preferably including wireframes and use cases) so we can create pricing estimates and timelines.

### What You'll Need

To use the KickApps APIs you'll need:

- A KickApps affiliate account
- An API usage contract
- A server that is set up to call KickApps' servers.
- A technical team that is comfortable with a dynamic server language or a contract with our professional services team

For information about pricing and support options, contact KickApps at [APIinfo@kickapps.com](mailto:APIinfo@kickapps.com).

### What KickApps Provides

Once you have a contract, we'll provide:

- An API developer’s key
- Documented instructions on how to call the APIs
- Sample application code in Java, PHP, and/or .NET
- Technical support
- Custom development work from our professional services team (optional)

Every API-based deployment is managed by a KickApps account lead. We'll work closely with you to quickly answer questions and fulfill requests.



## REST API Calls in Developers Kit

Call	Description
<b>Create Token</b>	Create a token that contains access permissions to call the APIs.
<b>Retrieve Media Resource</b>	Retrieve a specific media file (photo image, movie, or audio track).
<b>Retrieve Play Page</b>	Retrieve a full media play page.
<b>Retrieve External Media</b>	Retrieve data associated with an external media object.
<b>Search</b>	Pass search parameters and display results. Searches are available for all media, comments, members, and message board posts.
<b>Upload Media</b>	Add audio, video, and photo files to the KickApps servers. Enables integration with a Content Delivery Network (CDN).
<b>Add Blog Post</b>	Add a blog post to the KickApps database.
<b>Edit Blog Post</b>	Edit a blog post within the KickApps database.
<b>Add External Media</b>	Add a listing for an external page (such as an article on your own website) to the KickApps database. (Allows KickApps-powered comments and ratings to be added to your own site pages.)
<b>Email Media</b>	Email an invitation to view media.
<b>Add or Remove Media Flag</b>	Flag a media item as inappropriate for the community.
<b>Add/Remove from Favorites</b>	Add or remove a media item from the user's favorites.
<b>Retrieve Member Profile</b>	Retrieve a member's profile.
<b>Add/Remove Friend</b>	Add or remove a friend.
<b>Add Tags to Media &amp; Members</b>	Add tags to a media item or a member.
<b>Add Media Rating</b>	Add a rating to a media item (audio, blog, video, and photo).
<b>Retrieve Media Ratings</b>	Retrieve all ratings for a media item.
<b>Add Media Comment</b>	Add a comment to a media item (audio, blog, photo, video).
<b>Add Profile Comment</b>	Add a comment to a member's profile.
<b>Retrieve Comments</b>	Retrieve comments from media and members.
<b>Edit Media Comment</b>	Edit an existing media comment.
<b>Delete Comment</b>	Delete an existing comment on media or a member's profile.
<b>Flag Comment</b>	Flag a comment on media or a member's profile as being inappropriate for the community.



## Single Sign-On SOAP API Calls in Developers Kit

Call	Description
Register Member	Register member.
Sign In Member	Sign in member.
Register and Sign in Member	With this call you can sign in an existing member, without needing a separate step to import the member's registration information.
Sign Out Member	Sign out a member.

### APIs & the Hosted Service

Unlike feeds, using an API enables you to make real-time requests to receive, update, and delete information. Information is returned in a single, standardized format that you can display, process, and store. You can access the APIs to:

- **Modify workflows.** Customize registration processes and other user workflows.
- **Customize Display.** Return specific data and have full control over how the data is displayed—beyond the flexibility provided by a typical CSS. For example, you can create displays with moving content, dynamic sizing and exact component sizes and placement.
- **Customize Media.** Rather than use KickApps' standard media types (audio, video, photo, user and blog), you can create your own media types and sync these with KickApps. We will then add and update all related data for that media (such as comments and ratings).
- **Extend Your CMS.** Supplement your existing CMS with content and data from KickApps.

### Security

In addition to protecting your website from inappropriate content via the media management, reporting and administrative tools in the KickApps Affiliate Center, we secure your community information by:

- Controlling user logins via SSO and session tokens.
- Tracking the developers accessing your server and requiring a valid session token to modify information.
- Providing server-to-server communications so data isn't seen by third parties.

### About KickApps

KickApps provides on-demand social media applications, enabling web publishers and marketers to quickly and easily grow, engage, and monetize their online audiences.

KickApps' customers include: ABC Family, Kraft Foods, Procter & Gamble, HBO, Cinemax, National Public Radio, The CW Television Network, Scripps Networks Interactive, Cox Television, Guinness World Records, the Seattle Seahawks, the Phoenix Suns, VIBE Magazine, and others.

For more information, please visit [www.kickapps.com](http://www.kickapps.com).



## FAQs

### Q: What setup do I need to make an API call?

**A:** You'll need a web application server set up to call our servers.

### Q: Are all features offered through API calls?

**A:** Yes. If you would like a feature that is not exposed by the Developers Kit, contact KickApps and we will be happy to provide custom API calls.

### Q: What is REST?

**A:** REST (REpresentational State Transfer) is a way to transport information via networks such as the web.

In this scenario, your application knows how to ask for information from the KickApps servers. KickApps authenticates the requests and passes back a formatted file that you can then use in a number of ways.

### Q: In what formats are API data returned?

**A:** XML for SOAP and JSON or XML for REST.

### Q: What is JSON?

**A:** JavaScript Object Notation (JSON) is a commonly used data format that is easy to parse and then use by a web browser or another application.

### Q: What is the hosted service?

**A:** Most people use the KickApps hosted service instead of the APIs. Our hosted service is a Web 2.0 platform that provides services such as:

- User-generated content
- Social networking
- Programmable Video players
- Widgets
- Message boards
- Blogs
- Feeds
- Community management & reporting tools
- Developer and designer support.

### Q: Will API calls replace the hosted service?

**A:** No. As an example, the APIs focus on member-facing features whereas the hosted service includes both the member-facing web pages and the moderation tools available within the Affiliate Center. To date, every API-based community has also included some use of the hosted service.

### Q: Can I host the KickApps platform myself?

**A:** No. To use the KickApps platform, KickApps needs to be the host. If you are calling Kick Apps' APIs you'll host the code to call KickApps servers.