

Hadith

API
opensource Islam

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

In the name of Allah, the Beneficent, the Merciful.

What are we trying to achieve?

- Our aim is to build an collection of Hadiths that is accessible by anyone at any given time.
- This API can be used with building anything. Mobile Applications, Cloud Applications, Search Engines, anything you would want!
- This presentation will explain how the idea works and how we can implement it.

What is an API?

What is an API?

- An application-programming interface (API) is a set of programming instructions and standards for accessing a Web-based software application or Web tool.
- A software company releases its API to the public so that other software developers can design products that are powered by its service.
- For example, Amazon.com released its API so that Web site developers could more easily access Amazon's product information.
- Using the Amazon API, a third party Web site can post direct links to Amazon products with updated prices and an option to "buy now."



Source: www.howstuffworks.com

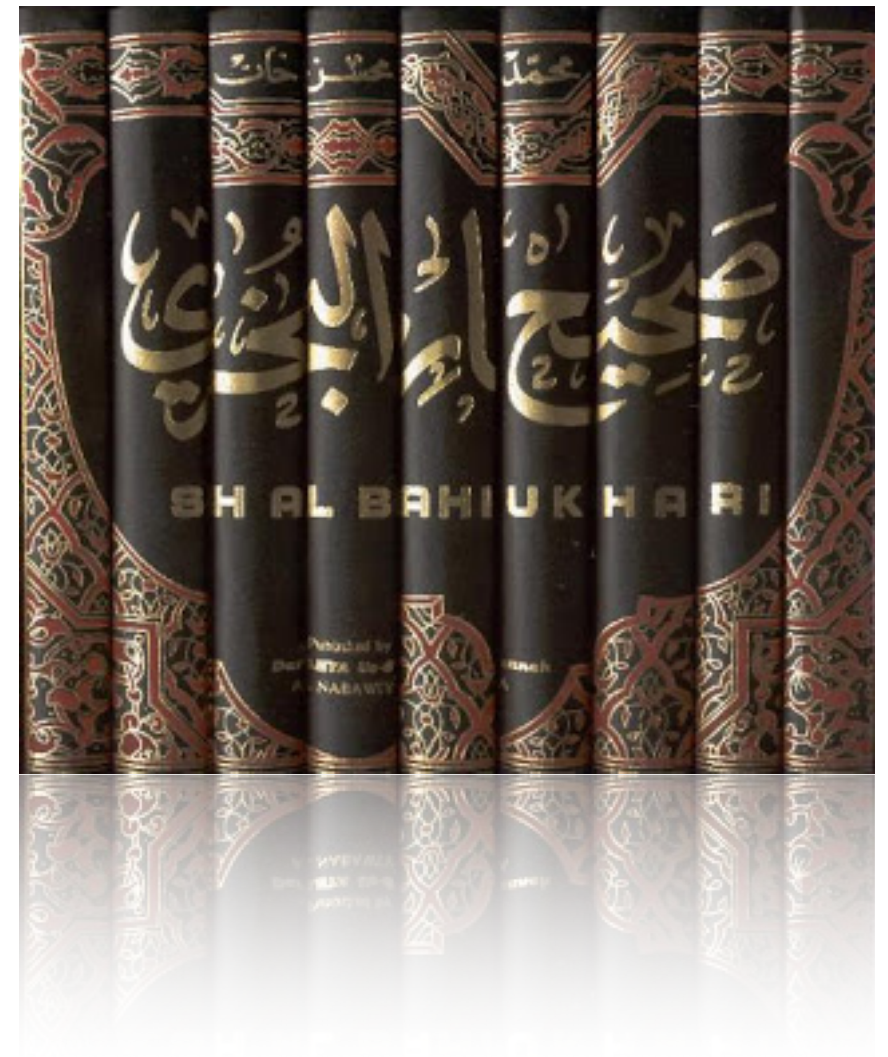
Facebook API

- So we all know about the Facebook app. It is made by Facebook and it lets you access information about your profile, your friends and also lets you communicate with them.
- You may also have noticed other apps on the AppStore that are not made by Facebook but does exactly the same things as what the official app does.
- But how does it get its data?
- This is where an API comes in. The API lets you access information about your profile, your friends and gives you the ability to communicate with them - without the need to have direct access to the data.



Similarly...

- eHadith API will give users the ability to
 1. get a given Hadith,
 2. get a list of all Hadiths for a specific book,
 3. get information about the narrators and the authenticity of the Hadith,
 4. get Hadiths by subject, i.e. marriage,
 5. and so on...
- This will allow the creative people within the Ummah to build creative apps, fun games, help improve research and give clear information about how authentic a Hadith may be and under what context it was revealed in.



Initial Aims about content

- Original Arabic of Hadith.
- Authenticity of Hadith.
- Narrator's chain.
- Information about Narrators and authenticity or any doubts regarding their narrations.
- Initial submission and approval system that allows us to check each and every Hadith by various scholars to eliminate misconceptions/ mistakes as much as possible.
- English Translation of the Hadith to be available for users without knowledge of arabic.

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Future Ideas

- Interactive Narrators Chain for Hadith - Allow users to trace back the narrations and flag any narrators who have doubts in their narrations (i.e. use a traffic light system to identify authenticity).
- Advanced algorithm that uses the idea of tagging which allows people to find related hadiths across collections.
- Hadith apps which allow users to read hadiths which have been vetted for authenticity.
- Hadith timelines to show exactly when each hadith was mentioned and under what circumstance.
- Research software that allows historians/lecturers to quickly and easily find the hadith they are looking for.

End.