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## Code

We have setup a [code repository \(http://oauth.googlecode.com/svn/\)](http://oauth.googlecode.com/svn/) on [Google Code \(http://code.google.com/p/oauth/\)](http://code.google.com/p/oauth/) for gathering libraries and other supporting examples. These libraries are contributed by members of the community and have not been tested or are necessarily known to work.

If you would like to test them and report issues, please visit our [Issue Tracker \(http://code.google.com/p/oauth/issues/list\)](http://code.google.com/p/oauth/issues/list).

## DotNET

[DotNetOpenAuth \(http://dotnetopenauth.net/\)](http://dotnetopenauth.net/) a consumer and service provider implementation for OAuth 1.0 and 1.0a for .NET, written in C#. It has built-in support for HMAC-SHA1, RSA-SHA1, and PLAINTEXT signature methods with extensibility to add others. It also includes the OpenID+OAuth extension. It works for ASP.NET as well as non-ASP.NET services, and works in partial trust shared hosting environments. Contributed by [Andrew Arnott \(http://blog.nerdbank.net/\)](http://blog.nerdbank.net/).

[Madgex \(http://www.madgex.com/\)](http://www.madgex.com/) has [released \(http://siliconbea.ch/technology/dot-net/2008-09-05/bringing-oauth-to-dot-net-developers/\)](http://siliconbea.ch/technology/dot-net/2008-09-05/bringing-oauth-to-dot-net-developers/) an open source [OAuth library for .NET \(http://code.google.com/p/oauth-dot-net/\)](http://code.google.com/p/oauth-dot-net/) (released under the [MIT License \(http://www.opensource.org/licenses/mit-license.php\)](http://www.opensource.org/licenses/mit-license.php)). [Documentation \(http://lab.madgex.com/oauth-net/gettingatarted01.aspx\)](http://lab.madgex.com/oauth-net/gettingatarted01.aspx) and [demos \(http://lab.madgex.com/oauth-net/\)](http://lab.madgex.com/oauth-net/) are available.

## C#

[Eran Sandler \(http://eran.sandler.co.il\)](http://eran.sandler.co.il) has contributed a [basic C# class \(http://oauth.googlecode.com/svn/code/csharp/\)](http://oauth.googlecode.com/svn/code/csharp/) that performs signing.

Alex Henderson offers [DevDefined OAuth \(http://code.google.com/p/devdefined-tools/wiki/OAuth\)](http://code.google.com/p/devdefined-tools/wiki/OAuth), an OAuth library developed in C#, providing both consumer and provider implementations for OAuth 1.0 and 1.0a which includes support for the Error Reporting Extensions and allows for RSA-SHA1, HMAC-SHA1 and Plaintext signing. DevDefined OAuth is designed to be both test friendly and extensible, allowing the core to be repurposed to your specific projects needs, and is available under an MIT License. Extensions to the framework to support ASP.Net MVC can also be found on [this fork \(http://github.com/buildmaster/oauth-mvc.net\)](http://github.com/buildmaster/oauth-mvc.net).

#### VB.NET

[Nicolas Tarzia \(http://www.nicolastarzia.com\)](http://www.nicolastarzia.com) has translated Eran Sandler's C# library into [VB.NET \(http://oauth.googlecode.com/svn/code/vbnet/oauth.vb\)](http://oauth.googlecode.com/svn/code/vbnet/oauth.vb).

## ColdFusion

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Harry Klein has contributed a [ColdFusion library \(http://oauth.googlecode.com/svn/code/coldfusion\)](http://oauth.googlecode.com/svn/code/coldfusion) which is also [listed \(http://OAuth.riaforge.org/\)](http://OAuth.riaforge.org/) at RIA Forge.

## Common Lisp

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Leslie P. Polzer contributed cl-oauth, which is available on [GitHub \(http://github.com/skypher/cl-oauth/tree/master\)](http://github.com/skypher/cl-oauth/tree/master) and [Gitorious \(http://gitorious.org/cl-oauth\)](http://gitorious.org/cl-oauth). It currently supports HMAC-SHA1 authentication and comes with some SP convenience functions. It's not polished yet but comes with a basic test suite and all you need to set up both Consumers and Service Providers.

## Java

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A [Java library \(http://oauth.googlecode.com/svn/code/java/core/\)](http://oauth.googlecode.com/svn/code/java/core/) and [examples \(http://oauth.googlecode.com/svn/code/java/example/\)](http://oauth.googlecode.com/svn/code/java/example/) were contributed by John Kristian, Praveen Alavilli and Dirk Balfanz.

[OAuth for Spring Security \(http://spring-security-oauth.codehaus.org/\)](http://spring-security-oauth.codehaus.org/) is also available, contributed by Ryan Heaton. This project is not hosted in the OAuth repository.

[OAuth Signpost \(http://code.google.com/p/oauth-signpost/\)](http://code.google.com/p/oauth-signpost/) offers simple OAuth message signing for Java and Apache HttpComponents (Google Android ready!). Contributed by Matthias Kaeppler.

[Scribe \(http://github.com/fernandezpablo85/scribe\)](http://github.com/fernandezpablo85/scribe) is a mature OAuth library for Java by [Pablo Fernandez \(http://github.com/fernandezpablo85\)](http://github.com/fernandezpablo85) that is intended to work with all APIs. It has been [featured in LinkedIn's developers forums \(http://developer.linkedin.com/message/4568\)](http://developer.linkedin.com/message/4568) and works with LinkedIn's API out of

the box.

## Javascript

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John Kristian has contributed a [Javascript Library](http://oauth.googlecode.com/svn/code/javascript/) (<http://oauth.googlecode.com/svn/code/javascript/>).

## Jifty

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[Shawn M Moore](http://sartak.org) (<http://sartak.org>) has written an [OAuth Plugin](http://svn.jifty.org/index.cgi/jifty/browse/jifty/trunk/lib/Jifty/Plugin/OAuth) (<http://svn.jifty.org/index.cgi/jifty/browse/jifty/trunk/lib/Jifty/Plugin/OAuth>) for the [Jifty Framework](http://jifty.org/) (<http://jifty.org/>).

## Objective-C

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[Jon Crosby](http://www.kaboomerang.com) (<http://www.kaboomerang.com>) has [released](http://www.kaboomerang.com/blog/2007/11/02/developer-release-oauth-for-mac-apps/) (<http://www.kaboomerang.com/blog/2007/11/02/developer-release-oauth-for-mac-apps/>) an OAuthConsumer and OAuthTestSuite for Objective-C for Mac developers. The [OAuthConsumer framework](http://oauth.googlecode.com/svn/code/obj-c/) (<http://oauth.googlecode.com/svn/code/obj-c/>) is available in the repository and Jon has also written up [Using OAuthConsumer](http://code.google.com/p/oauthconsumer/wiki/UsingOAuthConsumer) (<http://code.google.com/p/oauthconsumer/wiki/UsingOAuthConsumer>), a complete guide to using the OAuthConsumer framework for Mac apps.

[Karl Adam](http://matrixpointer.com/karl) (<http://matrixpointer.com/karl>) released [MPOAuthConnection](http://code.google.com/p/mpoauthconnection/) (<http://code.google.com/p/mpoauthconnection/>), a drop in component for Mac and iPhone apps to talk to OAuth web services.

## OCaml

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Jake Donham from [SkyDeck](http://skydeck.com) (<http://skydeck.com>) has released [Ooauth](http://code.google.com/p/ooauth/) (<http://code.google.com/p/ooauth/>), an implementation of OAuth in OCaml. [Discussion group](http://groups.google.com/group/ooauth-discuss) (<http://groups.google.com/group/ooauth-discuss>).

## Perl

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[Keith Grennan](http://nearlyfree.org/) (<http://nearlyfree.org/>) has [written](http://nearlyfree.org/oauth-perl) (<http://nearlyfree.org/oauth-perl>) a [Net::OAuth in Perl](http://oauth.googlecode.com/svn/code/perl/) (<http://oauth.googlecode.com/svn/code/perl/>).

- [Marcus Ramberg](http://search.cpan.org/~mramberg/) (<http://search.cpan.org/~mramberg/>) and [Tomas Doran](http://www.bobtfish.net/) (<http://www.bobtfish.net/>) are working on an [OAuth component](http://dev.catalystframework.org/repos/Catalyst/trunk/Catalyst-Controller-OAuth/) (<http://dev.catalystframework.org/repos/Catalyst/trunk/Catalyst-Controller-OAuth/>) for the [Catalyst framework](http://www.catalystframework.org/) (<http://www.catalystframework.org/>).

## PHP

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- There is an [extension to PHP \(http://php.net/oauth\)](http://php.net/oauth) that supports OAuth. It was written by [John Jawed \(http://jawed.name/\)](http://jawed.name/). An example can be found [here \(http://svn.php.net/viewvc/pecl/oauth/trunk/examples/\)](http://svn.php.net/viewvc/pecl/oauth/trunk/examples/) and a [walkthrough \(http://toys.lerdorf.com/archives/50-Using-pecloauth-to-post-to-Twitter.html\)](http://toys.lerdorf.com/archives/50-Using-pecloauth-to-post-to-Twitter.html) is also available. This [pecl package \(http://pecl.php.net/package/oauth\)](http://pecl.php.net/package/oauth) is considered the de facto standard by Rasmus Lerdorf.
- [Andy Smith \(http://term.ie\)](http://term.ie) has written a [basic PHP library \(http://oauth.googlecode.com/svn/code/php/\)](http://oauth.googlecode.com/svn/code/php/) for OAuth.
- Cal Henderson has contributed a [simple OAuth library \(https://svn.iamcal.com/public/php/lib\\_oauth/lib\\_oauth.php\)](https://svn.iamcal.com/public/php/lib_oauth/lib_oauth.php) that primarily handles signing.
- [HTTP OAuth \(http://pear.php.net/package/HTTP\\_OAuth\)](http://pear.php.net/package/HTTP_OAuth) is a PEAR package developed by Jeff Hodsdon and Bill Shupp (<http://pear.php.net/pepr/pepr-proposal-show.php?id=607>) (Digg). You can try it out using this [tool \(http://jeffhodsdon.com/HTTP\\_OAuth/examples/index.php\)](http://jeffhodsdon.com/HTTP_OAuth/examples/index.php).
- There is now an [OAuth component for CakePHP \(http://cakebaker.42dh.com/downloads/oauth-component-for-cakephp/\)](http://cakebaker.42dh.com/downloads/oauth-component-for-cakephp/).
- Justin Richer has developed [a plugin \(http://community.elgg.org/pg/plugins/jricher/read/385119/oauth\)](http://community.elgg.org/pg/plugins/jricher/read/385119/oauth) for the [Elgg \(http://elgg.org/\)](http://elgg.org/) social networking platform, based on the [basic PHP library \(http://oauth.googlecode.com/svn/code/php/\)](http://oauth.googlecode.com/svn/code/php/). This library allows Elgg to act as both an OAuth client (to access other services) and server (allowing OAuth-protected access to the Elgg API). The library supports both version 1.0 and revision 1.0a simultaneously. Documentation can be found [on the Elgg wiki \(http://docs.elgg.org/wiki/OAuth\)](http://docs.elgg.org/wiki/OAuth).
- [Zend OAuth \(http://framework.zend.com/wiki/pages/viewpage.action?pageId=37957\)](http://framework.zend.com/wiki/pages/viewpage.action?pageId=37957) was contributed by Pádraic Brady. The source code can be found [here \(http://framework.zend.com/svn/framework/standard/incubator/library/Zend/Oauth/\)](http://framework.zend.com/svn/framework/standard/incubator/library/Zend/Oauth/).

## Python

[Joe Stump \(http://stu.mp/\)](http://stu.mp/) (SimpleGeo) maintains the [python-oauth2 library \(http://github.com/simplegeo/python-oauth2\)](http://github.com/simplegeo/python-oauth2) on GitHub, and is considered the most up-to-date and unit-tested implementation of OAuth for Python 2.4+.

- [Leah Culver \(http://leahculver.com/\)](http://leahculver.com/) has written both a [library in Python 2.3 \(http://oauth.googlecode.com/svn/code/python/oauth/\)](http://oauth.googlecode.com/svn/code/python/oauth/) and offered an [example implementation \(http://oauth.googlecode.com/svn/code/python/oauth/example/\)](http://oauth.googlecode.com/svn/code/python/oauth/example/).
- David Larlet has released an [OAuth Provider and Consumer \(http://code.larlet.fr/django-oauth/\)](http://code.larlet.fr/django-oauth/) ([documentation](#))

(<http://code.larlet.fr/doc/django-oauth-provider.html>) ) for Django.

- **Simon Willison** (<http://simonwillison.net>) released (<http://simonwillison.net/2008/Mar/22/wikinear/>) the **snippet** (<http://www.djangosnippets.org/snippets/655/>) that handles OAuth in Wikinear.
- Steve Marshall wrote a **comprehensive binding for Fire Eagle** ([http://github.com/SteveMarshall/fire-eagle-python-binding/tree/master/fireeagle\\_api.py](http://github.com/SteveMarshall/fire-eagle-python-binding/tree/master/fireeagle_api.py)) that implements OAuth.

## Ruby

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**Blaine Cook** (<http://romeda.org/>), **Pelle Braendgaard** (<http://stakeventures.com/>) and others have written a **library in Ruby** (<http://oauth.rubyforge.org/>).

## Others

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Mark Atwood is working on `mod_auth_oauth`. **Michael Mealling** (<http://casgroup.biz/>) is working on support for **SiteMinder** (<http://ca.com/products/product.aspx?ID=5262>). Anthony Webb and Dave Hoff of **IMified** (<http://www.imified.com/>) are working on an OAuth ColdFusion library.

There is an XQuery OAuth Library written by Stephan Merkli and documented **here** ([http://sausalito.28msec.com/latest/index.php?id=working\\_with\\_oauth](http://sausalito.28msec.com/latest/index.php?id=working_with_oauth)).