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Version 2, June 1991

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1.4 sziparchive 2.1.3

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1.5 base32 1.1.2

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```
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```

Found in path(s):

```
* /opt/cola/permits/1719705583_1686621217.0002687/0/ekscrypto-base32-1-1-2-0-g0b6c033-tar-gz/ekscrypto-Base32-fdf83c0/Base32/main.m
```

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```
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```

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```
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* /opt/cola/permits/1719705583_1686621217.0002687/0/ekscrypto-base32-1-1-2-0-g0b6c033-tar-gz/ekscrypto-Base32-fdf83c0/Base32/MF_Base32Additions.m
* /opt/cola/permits/1719705583_1686621217.0002687/0/ekscrypto-base32-1-1-2-0-g0b6c033-tar-gz/ekscrypto-Base32-fdf83c0/Base32/MF_AppDelegate.h
* /opt/cola/permits/1719705583_1686621217.0002687/0/ekscrypto-base32-1-1-2-0-g0b6c033-tar-gz/ekscrypto-Base32-fdf83c0/Base32/MF_Base32Additions.h
```

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Base32 Additions for Objective-C on Mac OS X and iOS

====

Usage

Open the Xcode project file, and drag MF_Base32Additions.m/.h into your project.

In files where you want to use Base32 encoding/decoding, simply include the header file and use one of the provided NSData or NSString additions.

Example use:

```
#import "MF_Base32Additions.h"

NSString *helloWorld = @"Hello World";
NSString *helloInBase32 = [helloWorld base32String];
NSString *helloDecoded = [NSString stringWithBase32String:helloInBase32];
```

Performance

- * Encoding: Approximately 4 to 5 times faster than using the equivalent SecTransform.
- * Decoding: Slightly faster but almost identical decoding time as equivalent SecTransform.

Requirements

- * Compile with Automatic Reference Counting
- * Compatible with Mac OSX 10.6+ and iOS 4.0+

Implementation

* Implemented as per RFC 4648, see <http://www.ietf.org/rfc/rfc4648.txt> for more details.

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* /opt/cola/permits/1719705583_1686621217.0002687/0/ekscrypto-base32-1-1-2-0-g0b6c033-tar-gz/ekscrypto-Base32-fdf83c0/README.md

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Pod::Spec.new do |s|

s.name = 'Base32'

s.version = '1.1.2'

s.license = 'Public Domain'

s.summary = 'RFC 4648 Base32 implementation in Objective-C ARC.'

s.homepage = 'https://github.com/ekscrypto/Base32'

s.author = { 'Dave Poirier' => 'ekscrypto@gmail.com' }

s.source = { :git => 'https://github.com/ekscrypto/Base32.git', :tag => '1.1.2' }

s.source_files = 'Classes', 'Base32/MF_Base32Additions.{h,m}'

s.requires_arc = true

end

Found in path(s):

* /opt/cola/permits/1719705583_1686621217.0002687/0/ekscrypto-base32-1-1-2-0-g0b6c033-tar-gz/ekscrypto-Base32-fdf83c0/Base32.podspec

1.6 tiny-xml 2.4.3

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* /opt/cola/permits/1249199979_1686630451.2102835/0/tiny-xml-zip/tinyxml.h

* /opt/cola/permits/1249199979_1686630451.2102835/0/tiny-xml-zip/tinyxml.cpp

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Original file by Yves Berquin.

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Found in path(s):

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1.7 gtm-sessionfetcher 1.5.0

1.7.1 Available under license :

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1.10 msal 0.7.0

1.10.1 Available under license :

No license file was found, but licenses were detected in source scan.

For `class: `ConfidentialClientApplication``,

by this `class: `ConfidentialClientApplication`` 's private key.

```
class ConfidentialClientApplication(ClientApplication): # server-side web app
```

```
"""Acquires token for the current confidential client, not for an end user.
```

Found in path(s):

```
* /opt/cola/permits/1719707698_1686621506.5656407/0/msal-0-7-0-1-tar-gz/msal-0.7.0/msal/application.py
```

No license file was found, but licenses were detected in source scan.

[public client applications, and confidential client applications](<https://tools.ietf.org/html/rfc6749#section-2.1>).

So you will first create either a `PublicClientApplication`` or a `ConfidentialClientApplication`` instance,

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Found in path(s):

```
* /opt/cola/permits/1719707698_1686621506.5656407/0/msal-0-7-0-1-tar-gz/msal-0.7.0/README.md
```

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Metadata-Version: 2.1

Name: msal

Version: 0.7.0

Summary: The Microsoft Authentication Library (MSAL) for Python library enables your app to access the Microsoft Cloud by supporting authentication of users with Microsoft Azure Active Directory accounts (AAD) and Microsoft Accounts (MSA) using industry standard OAuth2 and OpenID Connect.

Home-page: <https://github.com/AzureAD/microsoft-authentication-library-for-python>

Author: Microsoft Corporation

Author-email: nugetaad@microsoft.com

License: MIT

Description: # Microsoft Authentication Library (MSAL) for Python Preview

The MSAL library for Python enables your app to access the

[Microsoft Cloud](https://cloud.microsoft.com) by supporting authentication of users with [Microsoft Azure Active Directory accounts](https://azure.microsoft.com/en-us/services/active-directory/) and [Microsoft Accounts](https://account.microsoft.com) using industry standard OAuth2 and OpenID Connect. Soon MSAL Python will also support [Azure AD B2C](https://azure.microsoft.com/services/active-directory-b2c/).

Not sure whether this is the SDK you are looking for? There are other Microsoft Identity SDKs [here](https://github.com/AzureAD/microsoft-authentication-library-for-python/wiki/Microsoft-Authentication-Client-Libraries).

Important Note about the MSAL Preview

This library is suitable for use in a production environment. We provide the same production level support for this library as we do our current production libraries. During the preview we may make changes to the API, internal cache format, and other mechanisms of this library,

which you will be required to take along with bug fixes or feature improvements.

This may impact your application.

For instance, a change to the cache format may impact your users, such as requiring them to sign in again.

An API change may require you to update your code.

When we provide the General Availability release

we will require you to update to the General Availability version within six months, as applications written using a preview version of library may no longer work.

Installation

1. If you haven't already, [install and/or upgrade the pip](https://pip.pypa.io/en/stable/installing/) of your Python environment to a recent version. We tested with pip 18.1.
2. As usual, just run `pip install msal``.

Usage and Samples

Before using MSAL Python (or any MSAL SDKs, for that matter), you will have to [register your application with the AAD 2.0 endpoint](https://docs.microsoft.com/en-us/azure/active-directory/develop/quickstart-v2-register-an-app).

Acquiring tokens with MSAL Python need to follow this 3-step pattern.

1. MSAL proposes a clean separation between [public client applications, and confidential client applications](https://tools.ietf.org/html/rfc6749#section-2.1).

So you will first create either a `PublicClientApplication`` or a `ConfidentialClientApplication`` instance, and ideally reuse it during the lifecycle of your app. The following example shows a `PublicClientApplication``:

```
```python
from msal import PublicClientApplication
```

```
app = PublicClientApplication("your_client_id", authority="...")
...

```

Later, each time you would want an access token, you start by:

```
```python
result = None # It is just an initial value. Please follow instructions below.
...

```

2. The API model in MSAL provides you explicit control on how to utilize token cache.

This cache part is technically optional, but we highly recommend you to harness the power of MSAL cache. It will automatically handle the token refresh for you.

```
```python
We now check the cache to see
whether we already have some accounts that the end user already used to sign in before.
accounts = app.get_accounts()
if accounts:
 # If so, you could then somehow display these accounts and let end user choose
 print("Pick the account you want to use to proceed:")
 for a in accounts:
 print(a["username"])
 # Assuming the end user chose this one
 chosen = accounts[0]
 # Now let's try to find a token in cache for this account
 result = app.acquire_token_silent(config["scope"], account=chosen)
...

```

3. Either there is no suitable token in the cache, or you chose to skip the previous step, now it is time to actually send a request to AAD to obtain a token.

There are different methods based on your client type and scenario. Here we demonstrate a placeholder flow.

```
```python
if not result:
    # So no suitable token exists in cache. Let's get a new one from AAD.
    result = app.acquire_token_by_one_of_the_actual_method(..., scopes=["User.Read"])
if "access_token" in result:
    print(result["access_token"]) # Yay!
else:
    print(result.get("error"))
    print(result.get("error_description"))
    print(result.get("correlation_id")) # You may need this when reporting a bug
...

```

That is the high level pattern. There will be some variations for different flows. They are demonstrated in [samples hosted right in this repo](<https://github.com/AzureAD/microsoft-authentication-library-for-python/tree/dev/sample>).

Documentation

The generic documents on

[Auth Scenarios](https://docs.microsoft.com/en-us/azure/active-directory/develop/authentication-scenarios) and

[Auth protocols](https://docs.microsoft.com/en-us/azure/active-directory/develop/active-directory-v2-protocols) are recommended reading.

There is the [API reference of MSAL Python](https://msal-python.rtfd.io) which documents every parameter of each public method.

More and more detail about MSAL Python functionality and usage will be documented in the [Wiki](https://github.com/AzureAD/microsoft-authentication-library-for-python/wiki).

Versions

This library follows [Semantic Versioning](http://semver.org/).

You can find the changes for each version under

[Releases](https://github.com/AzureAD/microsoft-authentication-library-for-python/releases).

Community Help and Support

We leverage Stack Overflow to work with the community on supporting Azure Active Directory and its SDKs, including this one!

We highly recommend you ask your questions on Stack Overflow (we're all on there!)

Also browser existing issues to see if someone has had your question before.

We recommend you use the "msal" tag so we can see it!

Here is the latest Q&A on Stack Overflow for MSAL:

http://stackoverflow.com/questions/tagged/msal

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Platform: UNKNOWN

Classifier: Development Status :: 4 - Beta

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.3

Classifier: Programming Language :: Python :: 3.4

Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: 3.6

Classifier: Programming Language :: Python :: 3.7

Classifier: License :: OSI Approved :: MIT License

Classifier: Operating System :: OS Independent

Description-Content-Type: text/markdown

Found in path(s):

* /opt/cola/permits/1719707698_1686621506.5656407/0/msal-0-7-0-1-tar-gz/msal-0.7.0/PKG-INFO

* /opt/cola/permits/1719707698_1686621506.5656407/0/msal-0-7-0-1-tar-gz/msal-0.7.0/msal.egg-info/PKG-INFO

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* /opt/cola/permits/1719707698_1686621506.5656407/0/msal-0-7-0-1-tar-gz/msal-0.7.0/setup.py

* /opt/cola/permits/1719707698_1686621506.5656407/0/msal-0-7-0-1-tar-gz/msal-0.7.0/msal/mex.py

* /opt/cola/permits/1719707698_1686621506.5656407/0/msal-0-7-0-1-tar-gz/msal-0.7.0/msal/wstrust_response.py

* /opt/cola/permits/1719707698_1686621506.5656407/0/msal-0-7-0-1-tar-gz/msal-0.7.0/msal/__init__.py

* /opt/cola/permits/1719707698_1686621506.5656407/0/msal-0-7-0-1-tar-gz/msal-0.7.0/msal/exceptions.py

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client_secret (str): Triggers HTTP AUTH for Confidential Client

This is typically used by a server-side app (Confidential Client),

Found in path(s):

* /opt/cola/permits/1719707698_1686621506.5656407/0/msal-0-7-0-1-tar-gz/msal-0.7.0/msal/oauth2cli/oauth2.py

1.11 libsrtp 2.2.0

1.11.1 Available under license :

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 * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
 * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
 * OF THE POSSIBILITY OF SUCH DAMAGE.
 */
```

1.12 safestring 2.0

1.12.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*-----  
* mem_primitives_lib.c - Unguarded Memory Copy Routines  
*  
* February 2005, Bo Berry  
*  
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*  
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*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-  
gz/safe_lib_2_0/src/safe_string/mem_primitives_lib.c
```

No license file was found, but licenses were detected in source scan.

```
/*-----  
* strcat_s.c  
*  
* October 2008, Bo Berry  
*  
* Copyright (c) 2008-2010, 2013 by Cisco Systems, Inc.  
* All rights Reserved.  
*/
```

Found in path(s):


```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-  
gz/safe_lib_2_0/src/safe_string/strcat_s.c
```

No license file was found, but licenses were detected in source scan.

```
/*-----  
* strprk_s.c  
*  
* November 2008, Bo Berry  
*  
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*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-  
gz/safe_lib_2_0/src/safe_string/strprk_s.c
```

No license file was found, but licenses were detected in source scan.

```
/*-----  
* strstr_s.c  
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* November 2008, Bo Berry  
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*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strstr_s.c
```

No license file was found, but licenses were detected in source scan.

```
/*-----  
* safe_types.h -- types include for portability  
*  
* March 2007, Bo Berry  
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*/

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* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/include/safe_types.h

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/*-----
* safe_str_constraint.h
*
* October 2008, Bo Berry
*
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*-----
*/

Found in path(s):

* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-

gz/safe_lib_2_0/src/safe_string/safe_str_constraint.h

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```
/*-----  
* safe_string.h  
*  
* November 2008, Bo Berry  
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*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/include/safe_string.h
```

No license file was found, but licenses were detected in source scan.

```
/*-----  
* strisuppercase_s.c  
*  
* October 2008, Bo Berry  
*  
* Copyright (c) 2008-2010, 2013 by Cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strisuppercase_s.c
```

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```
/*-----  
* mem_primitives_lib.h - Unguarded Memory Copy Routines  
*  
* October 2005, Bo Berry  
*  
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*/
```

Found in path(s):

```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-  
gz/safe_lib_2_0/include/mem_primitives_lib.h
```

No license file was found, but licenses were detected in source scan.

```
/*-----  
* strlastchar_s.c  
*  
* November 2008, Bo Berry  
*  
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*/
```

Found in path(s):

```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-  
gz/safe_lib_2_0/src/safe_string/strlastchar_s.c
```

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```
/*-----  
* safe_mem_constraint.h  
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*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-  
gz/safe_lib_2_0/src/safe_string/safe_mem_constraint.h
```

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```
/*-----  
* strzero_s.c  
*  
* October 2008, Bo Berry  
*  
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*  
*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-
```

gz/safe_lib_2_0/src/safe_string/strzero_s.c

No license file was found, but licenses were detected in source scan.

```
/*-----  
* safe_limits.h -- limits include for portability  
*  
* February 2009, Bo Berry  
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*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/include/safe_limits.h

No license file was found, but licenses were detected in source scan.

```
/*-----  
* strncat_s.c  
*  
* October 2008, Bo Berry  
*  
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*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-

gz/safe_lib_2_0/src/safe_string/strncat_s.c

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```
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*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/include/safe_lib.h
```

No license file was found, but licenses were detected in source scan.

```
/*-----  
* strljustify_s.c  
*  
* November 2008, Bo Berry  
*  
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*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strljustify_s.c
```

No license file was found, but licenses were detected in source scan.

```
/*-----  
* safe_str_lib.h -- Safe C Library String APIs  
*  
* October 2008, Bo Berry  
*  
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```

Found in path(s):

```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/include/safe_str_lib.h
```

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```
/*-----  
* strcpyfdin_s.c  
*  
* November 2008, Bo Berry  
*  
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*/
```

Found in path(s):

```
* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strcpyfdin_s.c
```

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```
/*-----  
* strncpy_s.c  
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* October 2008, Bo Berry  
*  
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*-----  
*/
```

Found in path(s):

```
*/opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-  
gz/safe_lib_2_0/src/safe_string/strncpy_s.c
```

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```
/*-----  
* safe_mem_lib.h -- Safe C Library Memory APIs  
*  
* October 2008, Bo Berry  
*  
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*-----  
*/
```

Found in path(s):

```
*/opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/include/safe_mem_lib.h
```

No license file was found, but licenses were detected in source scan.

```
/*-----
```

* strcasestr_s.c
*
* November 2008, Bo Berry
*
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*/

Found in path(s):

* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strcasestr_s.c

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/*-----
* strspn_s.c
*
* November 2008, Bo Berry
*
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*-----
*/

Found in path(s):

* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strspn_s.c

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/*-----
* strtok_s.c
*
* October 2008, Bo Berry
*
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*-----
*/

Found in path(s):

* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strtok_s.c

No license file was found, but licenses were detected in source scan.

/*-----
* strispassword_s.c
*
* October 2008, Bo Berry
*
*/

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*-----

*/

Found in path(s):

* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strispassword_s.c

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/*-----

* strislowercase_s.c

*

* February 2005, Bo Berry

*

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*-----

*/

Found in path(s):

* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strislowercase_s.c

No license file was found, but licenses were detected in source scan.

/*-----

* stremovews_s.c

*

* November 2008, Bo Berry

*

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*-----

*/

Found in path(s):

* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/stremovews_s.c

No license file was found, but licenses were detected in source scan.

/*-----

* strprefix_s.c

*

* November 2008, Bo Berry

*

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*-----

*/

Found in path(s):

* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strprefix_s.c

No license file was found, but licenses were detected in source scan.

/*-----

* strlastsame_s.c

*

* November 2008, Bo Berry

*

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/*-----

*/

Found in path(s):

* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strlastsame_s.c

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/*-----

* strishex_s.c

*

* October 2008, Bo Berry

*

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*/

Found in path(s):

* /opt/cola/permits/1502360938_1670536039.5216763/0/safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strishex_s.c

1.13 objectivedropboxofficial 2.0.5

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1.14 boxcontentsdk 1.0.14

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1.16 afnetworking 3.0

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1.17 gtmappauth 1.1.0

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1.18 onedrivesdk 1.1.0

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