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Comment from [iPhone Dev Wiki](http://iphonedevwiki.net/index.php/Crack_prevention) Crack Prevention

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'Cracking' works by letting the kernel decrypt the binary then siphoning the decrypted data into a new binary file, resigning, and repackaging. This will only work on jailbroken devices as codesignature validation has been removed. Resigning takes place because while the codesignature doesn't have to be valid thanks to the jailbreak, it does have to be in place unless you have AppSync or similar to disable codesignature checks.

More information at [Landon Fuller's blog](http://landonf.org/2009/02/index.html)

1.7 firebaseanalytics 6.0.1

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1.8 firebaseinstanceid 4.1.0

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1.9 firebaseResultsController 1.0.1

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1.11 nanopb 0.3.901

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*/
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1.13 crashlytics 3.13.1

1.14 firebase 6.1.0

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Comment from iPhone Dev Wiki Crack Prevention:

App Store binaries are signed by both their developer and Apple. This encrypts the binary so that decryption keys are needed in order to make the binary readable. When iOS executes the binary, the decryption keys are used to decrypt the binary into a readable state where it is then loaded into memory and executed. iOS can tell the encryption status of a binary via the cryptid structure member of LC_ENCRYPTION_INFO MachO load command. If cryptid is a non-zero value then the binary is encrypted.

'Cracking' works by letting the kernel decrypt the binary then siphoning the decrypted data into a new binary file, resigning, and repackaging. This will only work on jailbroken devices as codesignature validation has been removed. Resigning takes place because while the codesignature doesn't have to be valid thanks to the jailbreak, it does have to be in place unless you have AppSync or similar to disable codesignature checks.

More information at Landon Fuller's blog

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<settings default="">
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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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react-native-imagepicker
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<https://github.com/wmcmahan/react-native-calendar-events>

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```
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// http://www.boost.org/LICENSE\_1\_0.txt)  
//  
// See http://www.boost.org/libs/intrusive for documentation.  
//  
////////////////////////////////////
```

```

#ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP
#define BOOST_INTRUSIVE_DETAIL_MPL_HPP

#ifndef BOOST_CONFIG_HPP
# include <boost/config.hpp>
#endif

#if defined(BOOST_HAS_PRAGMA_ONCE)
# pragma once
#endif

#include <boost/intrusive/detail/config_begin.hpp>
#include <boost/move/detail/type_traits.hpp>
#include <cstddef>

namespace boost {
namespace intrusive {
namespace detail {

using boost::move_detail::is_same;
using boost::move_detail::add_const;
using boost::move_detail::remove_const;
using boost::move_detail::remove_cv;
using boost::move_detail::remove_reference;
using boost::move_detail::add_reference;
using boost::move_detail::remove_pointer;
using boost::move_detail::add_pointer;
using boost::move_detail::true_type;
using boost::move_detail::false_type;
using boost::move_detail::enable_if_c;
using boost::move_detail::enable_if;
using boost::move_detail::disable_if_c;
using boost::move_detail::disable_if;
using boost::move_detail::is_convertible;
using boost::move_detail::if_c;
using boost::move_detail::if_;
using boost::move_detail::is_const;
using boost::move_detail::identity;
using boost::move_detail::alignment_of;
using boost::move_detail::is_empty;
using boost::move_detail::addressof;
using boost::move_detail::integral_constant;
using boost::move_detail::enable_if_convertible;
using boost::move_detail::disable_if_convertible;
using boost::move_detail::bool_;
using boost::move_detail::true_;
using boost::move_detail::false_;

```

```

using boost::move_detail::yes_type;
using boost::move_detail::no_type;
using boost::move_detail::apply;
using boost::move_detail::eval_if_c;
using boost::move_detail::eval_if;
using boost::move_detail::unvoid_ref;
using boost::move_detail::add_const_if_c;

template<std::size_t S>
struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1 + ls_zeros<(S>>1u)::value);
};

template<>
struct ls_zeros<0>
{
    static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};

// Infrastructure for providing a default type for T::TNAME if absent.
#define BOOST_INTRUSIVE_INSTANTIATE_DEFAULT_TYPE_TMPLT(TNAME) \
template <typename T, typename DefaultType> \
struct boost_intrusive_default_type_## TNAME \
{ \
    template <typename X> \
    static char test(int, typename X::TNAME*); \
 \
    template <typename X> \
    static int test(...); \
 \
    struct DefaultWrap { typedef DefaultType TNAME; }; \
 \
    static const bool value = (1 == sizeof(test<T>(0, 0))); \
 \
    typedef typename \
        ::boost::intrusive::detail::if_c \
        <value, T, DefaultWrap>::type::TNAME type; \
}; \
//

#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_DEFAULT(INSTANTIATION_NS_PREFIX, T,

```

```

TNAME, TIMPL) \
    typename INSTANTIATION_NS_PREFIX
    boost_intrusive_default_type_ ## TNAME< T, TIMPL >::type
//

#define BOOST_INTRUSIVE_INSTANTIATE_EVAL_DEFAULT_TYPE_TMPL(TNAME)\
template <typename T, typename DefaultType> \
struct boost_intrusive_eval_default_type_ ## TNAME \
{ \
    template <typename X> \
    static char test(int, typename X::TNAME*); \
\
    template <typename X> \
    static int test(...); \
\
    struct DefaultWrap \
    { typedef typename DefaultType::type TNAME; }; \
\
    static const bool value = (1 == sizeof(test<T>(0, 0))); \
\
    typedef typename \
    ::boost::intrusive::detail::eval_if_c \
    < value \
    , ::boost::intrusive::detail::identity<T> \
    , ::boost::intrusive::detail::identity<DefaultWrap> \
    >::type::TNAME type; \
}; \
//

#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_EVAL_DEFAULT(INSTANTIATION_NS_PREFIX, T, \
TNAME, TIMPL) \
    typename INSTANTIATION_NS_PREFIX \
    boost_intrusive_eval_default_type_ ## TNAME< T, TIMPL >::type
//

#define BOOST_INTRUSIVE_INTERNAL_STATIC_BOOL_IS_TRUE(TRAITS_PREFIX, \
TYPEDEF_TO_FIND) \
template <class T>\
struct TRAITS_PREFIX##_bool\
{\
    template<bool Add>\
    struct two_or_three {yes_type_[2 + Add];};\
    template <class U> static yes_type test(...);\
    template <class U> static two_or_three<U::TYPEDEF_TO_FIND> test (int);\
    static const std::size_t value = sizeof(test<T>(0));\
}; \
\
template <class T>\

```

```

struct TRAITS_PREFIX##_bool_is_true\
{\
    static const bool value = TRAITS_PREFIX##_bool<T>::value > sizeof(yes_type)*2;\
};\
//

#define BOOST_INTRUSIVE_HAS_STATIC_MEMBER_FUNC_SIGNATURE(TRAITS_NAME,\
FUNC_NAME) \
template <typename U, typename Signature> \
class TRAITS_NAME \
{\
private: \
    template<Signature> struct helper;\
    template<typename T> \
    static ::boost::intrusive::detail::yes_type test(helper<&T::FUNC_NAME>*); \
    template<typename T> static ::boost::intrusive::detail::no_type test(...); \
public: \
    static const bool value = sizeof(test<U>(0)) == sizeof(::boost::intrusive::detail::yes_type); \
};\
//

#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME, FUNC_NAME) \
template <typename Type> \
struct TRAITS_NAME \
{\
    struct BaseMixin \
    {\
        void FUNC_NAME(); \
    }; \
    struct Base : public Type, public BaseMixin { Base(); }; \
    template <typename T, T t> class Helper{}; \
    template <typename U> \
    static ::boost::intrusive::detail::no_type test(U*, Helper<void (BaseMixin::*)(), &U::FUNC_NAME>* = 0); \
    static ::boost::intrusive::detail::yes_type test(...); \
    static const bool value = sizeof(::boost::intrusive::detail::yes_type) == sizeof(test((Base*)(0))); \
};\
//

#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED_IGNORE_SIGNATURE(TRAITS_NAME,\
FUNC_NAME) \
BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME##_ignore_signature, FUNC_NAME) \
\
\
template <typename Type, class> \
struct TRAITS_NAME \
    : public TRAITS_NAME##_ignore_signature<Type> \
{\};\
//

```

```
} //namespace detail
} //namespace intrusive
} //namespace boost
```

```
#include <boost/intrusive/detail/config_end.hpp>
```

```
#endif //BOOST_INTRUSIVE_DETAIL_MPL_HPP
```

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1.16 gdey-google-toolbox-for-mac v2.2.1

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1.17 firebasecore 6.0.1

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