class-dumping   ipsw

```
@interface WBSLockdownModePreferenceManager : WBSPerSitePreferenceManager<WBSPerSitePreferenceManagerDefaultsDelegate, WBSPerSitePreferenceManagerStorageDelegate, WBSPerSitePreferenceBinaryToggleItemManager>    // 0x1de0dd828
  /* instance variables */                                              // +size   offset
                                                                        // +0x8    0x20
                                                                        // +0x8    0x28


@property  readonly  nonatomic
@property  readonly  nonatomic
@property  readonly  unsigned long long
@property  readonly
@property  readonly  copy  NSString
@property  readonly  copy  NSString

/* instance methods */

// 0x1a3f0fbcc
   id
// 0x1a3f0fca4
   id                       id
// 0x1a3f0fc7c
   id                             id
// 0x1a3f0fc8c
   id                                             id
// 0x1a3f0fcc0
   void
// 0x1a3f0fc58
   id                   id             id
// 0x1a3f0fc98
   id                   id
// 0x1a3f0fc6c
   id
// 0x1a3f0fb00
   void                  id             id             id
// 0x1a3f0fc4c
   id                   id
// 0x1a3f0f978
   void                         id               double                    BOOL               id /* block */
// 0x1a3f0f81c
   id                          id
// 0x1a3f0fcb0
   id
// 0x1a3f0fc64
   BOOL                                           id
// 0x1a3f0f8e8
   void                     BOOL               id
@end
```

WBSLockdownModePreferenceManager SQLite

How to disable LDM

In Safari

```
> ipsw dyld macho dyld_shared_cache_arm64e SafariShared --objc -V

@interface WBSLockdownModePreferenceManager : WBSPerSitePreferenceManager<WBSPerSitePreferenceManagerDefaultsDelegate, WBSPerSitePreferenceManagerStorageDelegate, WBSPerSitePreferenceBinaryToggleItemManager> { // 0x1de0dd828
  /* instance variables */                               // +size   offset
  WBSPerSitePreferencesSQLiteStore *_perSitePreferenceStore; // +0x8    0x20
  WBSPerSitePreference *_lockdownPreference;               // +0x8    0x28
}

@property (readonly, nonatomic) WBSPerSitePreference *lockdownPreference;
@property (readonly, nonatomic) WBSPerSitePreferencesSQLiteStore *perSitePreferencesStore;   👉👀
@property (readonly) unsigned long long hash;
@property (readonly) Class superclass;
@property (readonly, copy) NSString *description;
@property (readonly, copy) NSString *debugDescription;

/* instance methods */

// 0x1a3f0fbcc
- (id)preferences;
// 0x1a3f0fca4
- (id)onValueForPreference:(id)arg1;
// 0x1a3f0fc7c
- (id)preferenceNameForPreference:(id)arg1;
// 0x1a3f0fc8c
- (id)defaultPreferenceValueForPreferenceIfNotCustomized:(id)arg1;
// 0x1a3f0fcc0
- (void).cxx_destruct;
// 0x1a3f0fc58
- (id)localizedStringForValue:(id)arg1 inPreference:(id)arg2;
// 0x1a3f0fc98
- (id)offValueForPreference:(id)arg1;
// 0x1a3f0fc6c
- (id)perSitePreferencesStore;
// 0x1a3f0fb00
- (void)didUpdatePreference:(id)arg1 toValue:(id)arg2 forDomain:(id)arg3;
// 0x1a3f0fc4c
- (id)valuesForPreference:(id)arg1;
// 0x1a3f0f978
- (void)getLockdownModeEnabledForDomain:(id)arg1 withTimeout:(double)arg2 fallbackEnabledState:(BOOL)arg3 usingBlock:(id /* block */)arg4;
// 0x1a3f0f81c
- (id)initWithPerSitePreferenceStore:(id)arg1;
// 0x1a3f0fcb0
- (id)lockdownPreference;
// 0x1a3f0fc64
- (BOOL)preferenceDoesNotHaveForOtherWebsitesDefault:(id)arg1;
// 0x1a3f0f8e8
- (void)setLockdownModeEnabled:(BOOL)arg1 forDomain:(id)arg2;
@end
```

So the WBSLockdownModePreferenceManager seems to be backed by a SQLite database

How to disable LDM
In Safari

With a bit more reversing I found the database locations:

macOS

$HOME/Library/Safari/PerSitePreferences.db

iOS *(com.apple.mobilesafari)*

$CONTAINER/Library/Safari/PerSitePreferences.db

Example:

/private/var/mobile/Containers/Data/Application/D5671234-8C34-4934-BA34-46C9424CP30/Library/Safari/PerSitePreferences.db

Querying the Database

```
❯ sqlite3 PerSitePreferences.db 'SELECT * FROM "preference_values" WHERE "preference"="PerSitePreferencesLockdownMode";'
```

Setting the Database

```
❯ sqlite3 PerSitePreferences.db 'INSERT INTO "preference_values" VALUES (NULL,"trenchant.io","PerSitePreferencesLockdownMode",0, NULL);'
```