





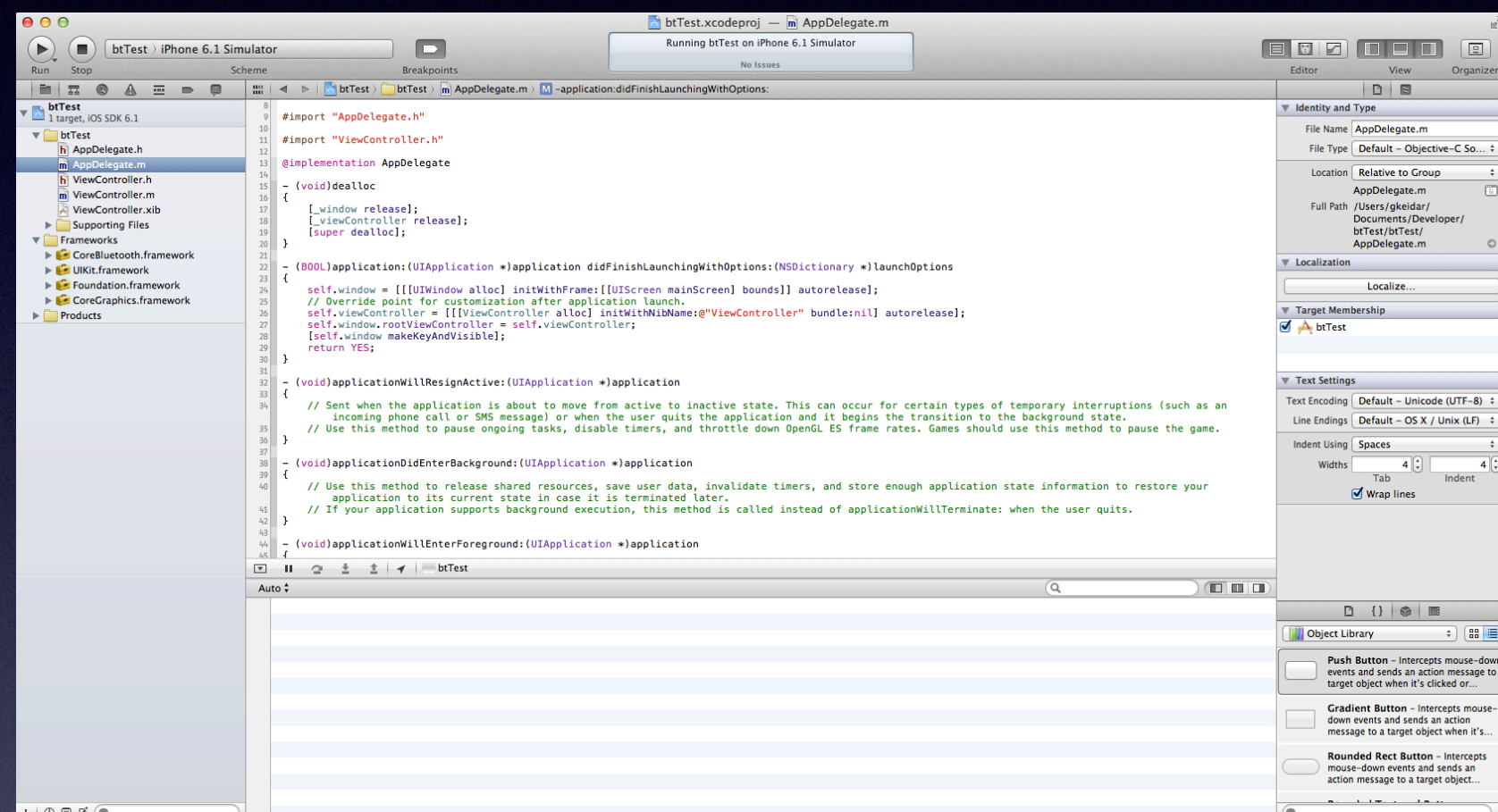


Universal machine



Universal machine

Instructions come from program



```
#import "AppDelegate.h"
#import "ViewController.h"

@implementation AppDelegate

- (void)dealloc
{
    [_window release];
    [_viewController release];
    [super dealloc];
}

- (BOOL)application:(UIApplication *)application didFinishLaunchingWithOptions:(NSDictionary *)launchOptions
{
    self.window = [[[UIWindow alloc] initWithFrame:[UIScreen mainScreen] bounds]] autorelease;
    // Override point for customization after application launch.
    self.viewController = [[[ViewController alloc] initWithNibName:@"ViewController" bundle:nil] autorelease];
    self.window.rootViewController = self.viewController;
    [self.window makeKeyAndVisible];
    return YES;
}

- (void)applicationWillResignActive:(UIApplication *)application
{
    // Sent when the application is about to move from active to inactive state. This can occur for certain types of temporary interruptions (such as an incoming phone call or SMS message) or when the user quits the application and it begins the transition to the background state.
    // Use this method to pause ongoing tasks, disable timers, and throttle down OpenGL ES frame rates. Games should use this method to pause the game.
}

- (void)applicationDidEnterBackground:(UIApplication *)application
{
    // Use this method to release shared resources, save user data, invalidate timers, and store enough application state information to restore your application to its current state in case it is terminated later.
    // If your application supports background execution, this method is called instead of applicationWillTerminate: when the user quits.
}

- (void)applicationWillEnterForeground:(UIApplication *)application
{
}
```

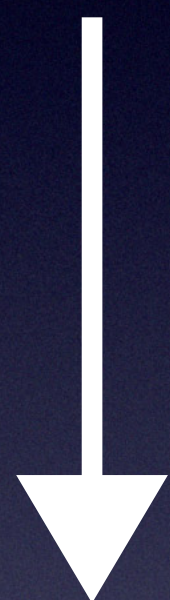


```
00000000 fc 31 c0 8e c0 8e d8 8e d0 bc 00 7c 89 e6 bf 00 |.1.....|...|
00000010 06 b9 00 01 f3 a5 89 fd b1 08 f3 ab fe 45 f2 e9 |.....E..|
00000020 00 8a f6 46 bb 20 75 08 84 d2 78 07 80 4e bb 40 |..F. u...x..N.@|
00000030 8a 56 ba 88 56 00 e8 fc 00 52 bb c2 07 31 d2 88 |.V.V...R...l..|
00000040 6f fc 0f a3 56 bb 73 19 8a 07 bf 87 07 b1 03 f2 |o...V.s.....|
00000050 ae 74 0e b1 0b f2 ae 83 c7 09 8a 0d 01 cf e8 c5 |.t.....|
00000060 00 42 80 c3 10 73 d8 58 2c 7f 3a 06 75 04 72 05 |.B...s.X,..:u.r.|
00000070 48 74 0d 30 c0 04 b0 88 46 b8 bf b2 07 e8 a6 00 |Ht.0...F.....|
00000080 be 7b 07 e8 b2 00 8a 56 b9 4e e8 8e 00 eb 05 b0 |{...0...V.N.....|
00000090 07 e8 b0 00 30 e4 cd 1a 89 d7 03 7e bc b4 01 cd |...0.....~...|
000000a0 16 75 0d 30 e4 cd 1a 39 fa 72 f2 8a 46 b9 eb 16 |.u.0...9.r..F...|
000000b0 30 e4 cd 16 88 e0 3c 1c 74 f1 2c 3b 3c 04 76 06 |0....<.t.;<.v.|
000000c0 2c c7 3c 04 77 c9 98 0f a3 46 0c 73 c2 88 46 b9 |..<.w...F.s..F.|
000000d0 be 00 08 8a 14 89 f3 3c 04 9c 74 0a c0 e0 04 05 |.....<.t....|
000000e0 be 07 93 c6 07 80 53 f6 46 bb 40 75 08 bb 00 06 |.....S.F.@...|
000000f0 b4 03 e8 59 00 5e 9d 75 06 8a 56 b8 80 ea 30 bb |...Y.^..u..V...0.|
00000100 00 7c b4 02 e8 47 00 72 86 81 bf fe 01 55 aa 0f |.|...G.r...U..|
00000110 85 7c ff be 85 07 e8 19 00 ff e3 b0 46 e8 24 00 |.|.....F.$..|
00000120 b0 31 00 d0 eb 17 0f ab 56 0c be 78 07 e8 eb ff |.1....V.x....|
00000130 89 fe e8 03 00 be 85 07 ac a8 80 75 05 e8 04 00 |...$.S.....[.t|
00000140 eb f6 24 7f 53 bb 07 00 b4 0e cd 10 5b c3 8a 74 |..L...V...F..t.f|
00000150 01 8b 4c 02 b0 01 56 89 e7 f6 46 bb 80 74 13 66 |j.f.t..Sj..H..|
00000160 6a 00 66 ff 74 08 06 53 6a 01 6a 10 89 e6 48 80 |@...^...Defa|
00000170 cc 40 cd 13 89 fc 5e c3 20 20 a0 0a 44 65 66 61 |ult:.....|
00000180 75 6c 74 3a a0 0d 8a 00 05 0f 01 06 07 0b 0c 0e |.....?|
00000190 83 a5 a6 a9 0d 0c 0b 0a 09 08 0a 0e 11 10 01 3f |..D0.Linu.FreeBS.|
000001a0 bf 44 4f d3 4c 69 6e 75 f8 46 72 65 65 42 53 c4 |f.Drive.....|
000001b0 66 bb 44 72 69 76 65 20 00 00 80 8f b6 00 00 00 |.....|
000001c0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |.....|
*
000001f0 00 00 00 00 00 00 00 00 00 00 00 00 55 aa |.....U..|
00000200
```

Source code

Executable







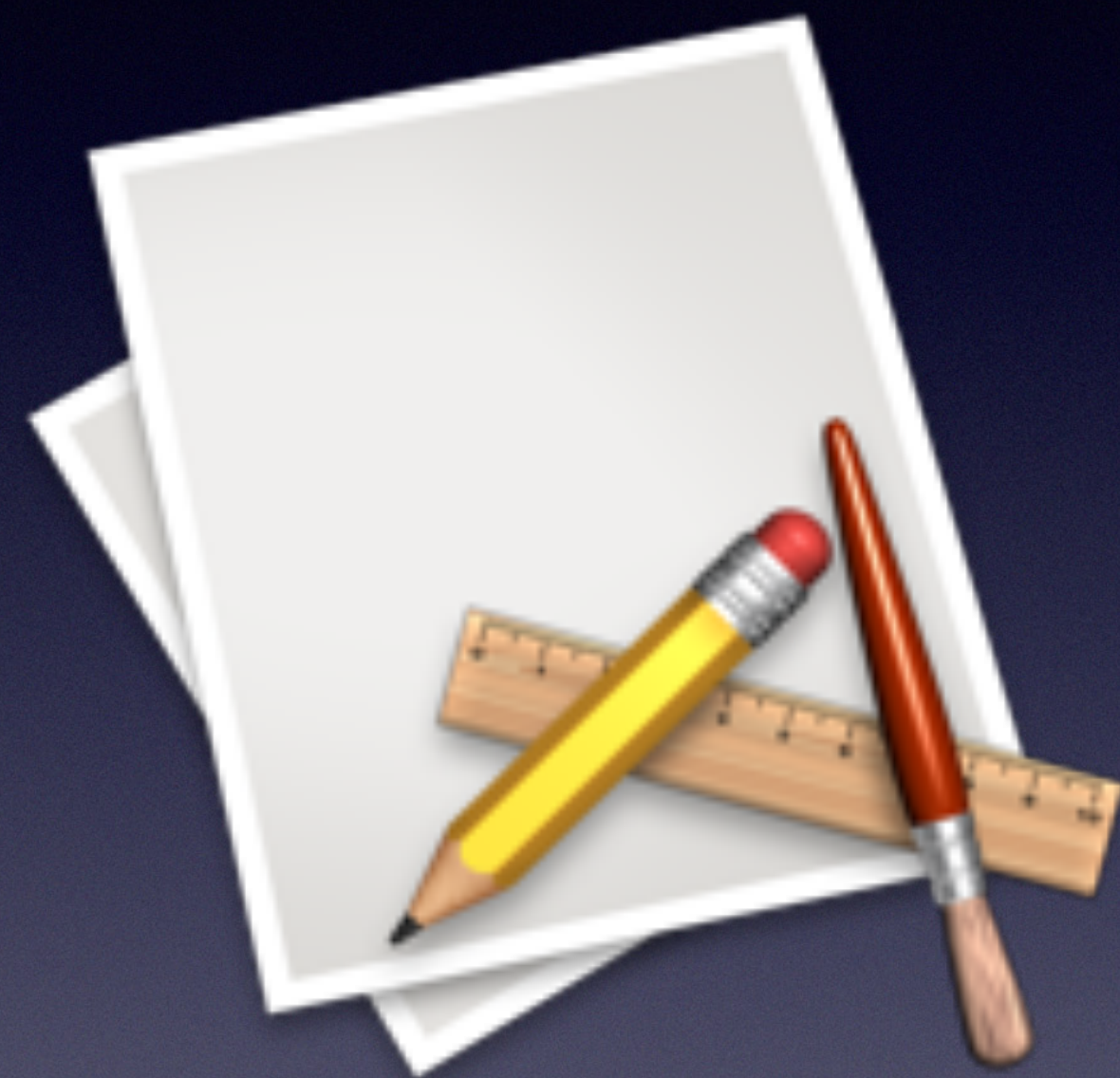
Free software

Free software

Respects freedom and community

Free software

"Free / libre"





Run as you wish for any purpose



Run as you wish for any purpose

Study and change the source code



Run as you wish for any purpose

Study and change the source code

Share copies



Run as you wish for any purpose

Study and change the source code

Share copies

Share modified versions



Proprietary





Controlled by the developer



Controlled by the developer

Controls the user



Controlled by the developer

Controls the user

Instrument of unjust power



Controlled by the developer

Controls the user

Instrument of unjust power

Often malware



Tracking



Tracking



Restrictions

Tracking



Restrictions

Remote Deletion

Tracking



Restrictions

Remote Deletion

Universal Backdoors

Tracking

Sabotage



Restrictions

Remote Deletion

Universal Backdoors

Tracking

DRM

Sabotage



Restrictions

Remote Deletion

Universal Backdoors



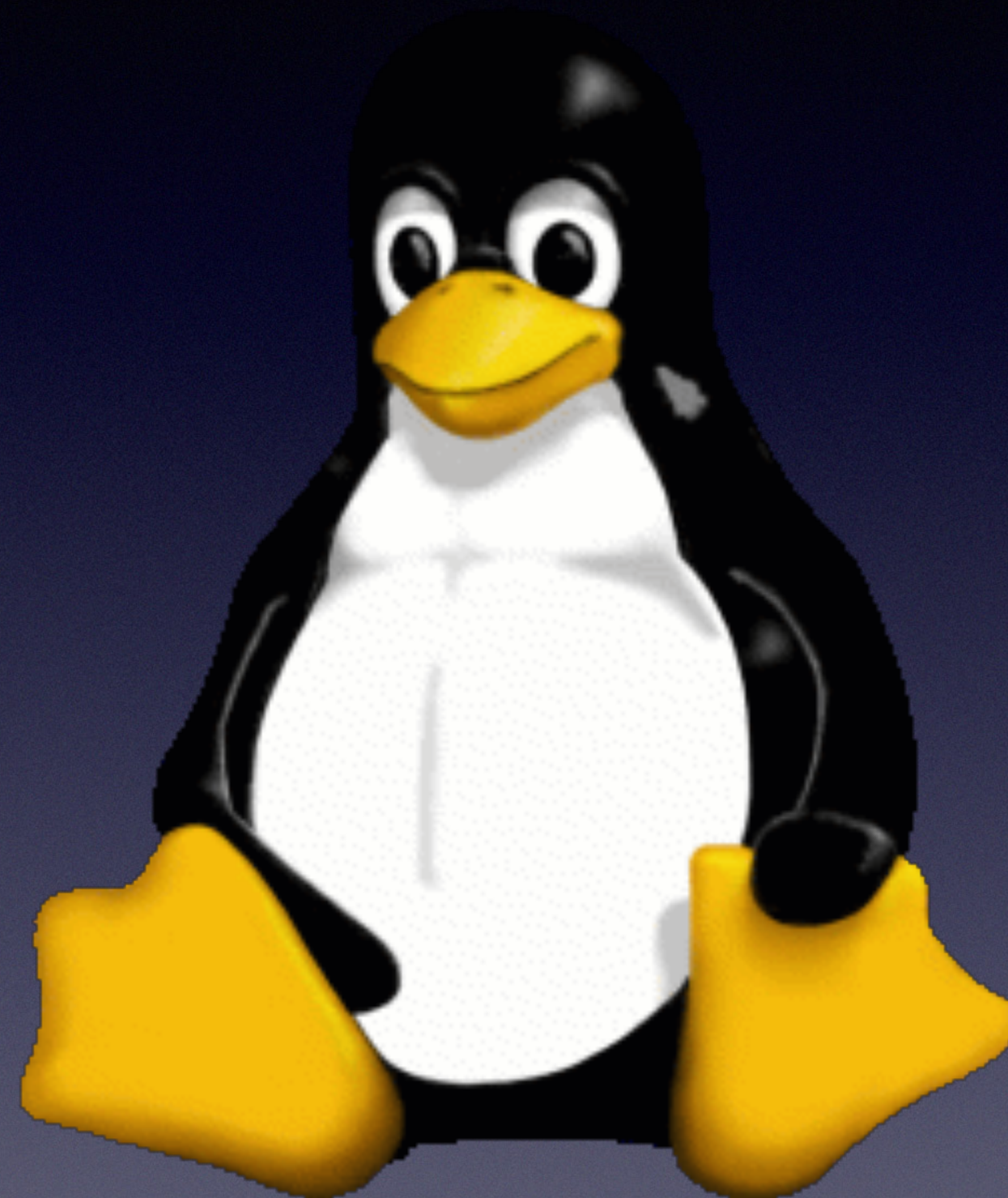
1983

1983



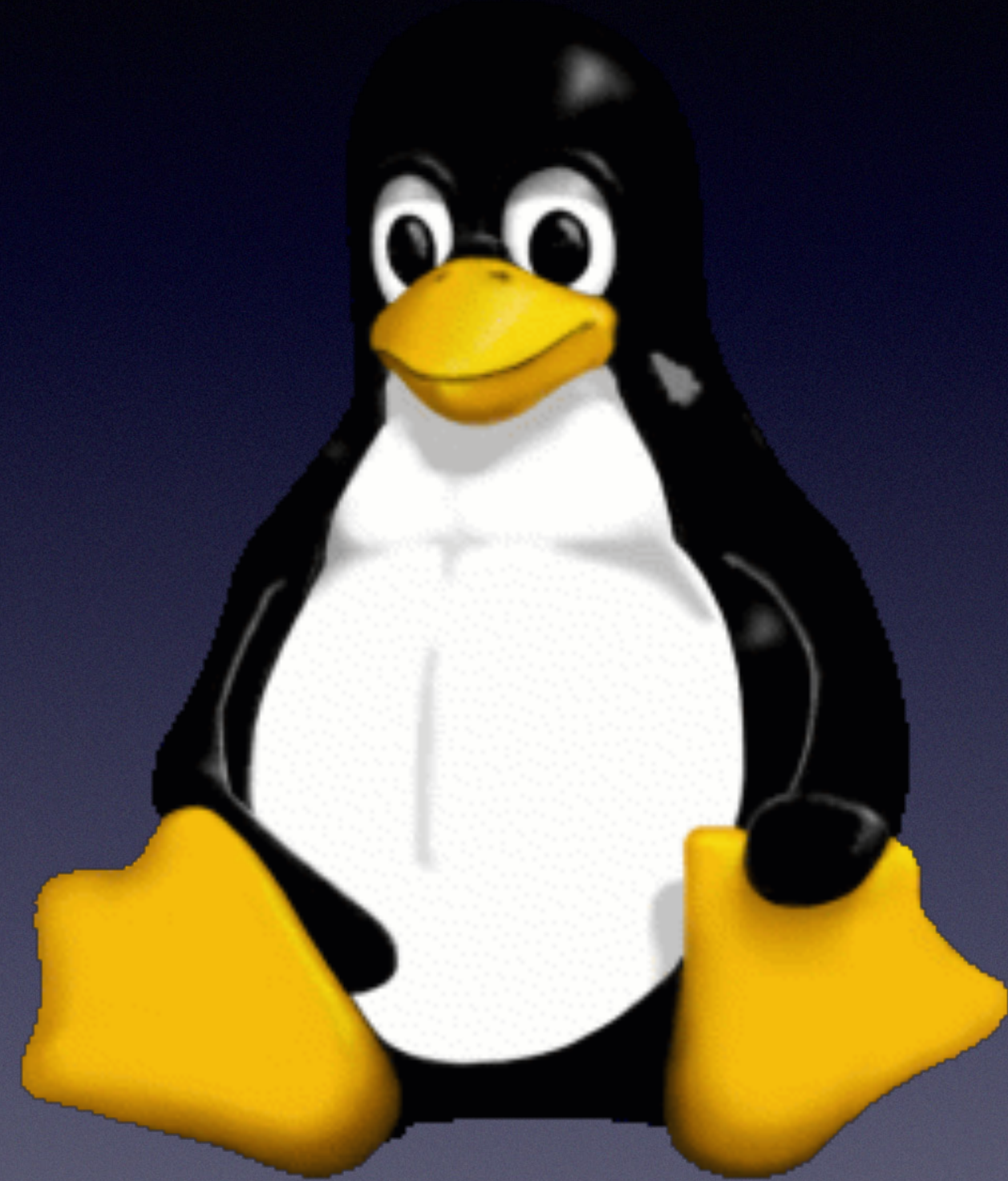
1992

1992





+



Distros

Distros

Often contain non-free software



Big sacrifices



Small sacrifices





Non-free JavaScript



Non-free JavaScript

Service as a software substitute



Companies

"Open source"

"Open source"

Ignores ethical issues





Teach independence



Teach independence

Allow study of source code



Teach independence

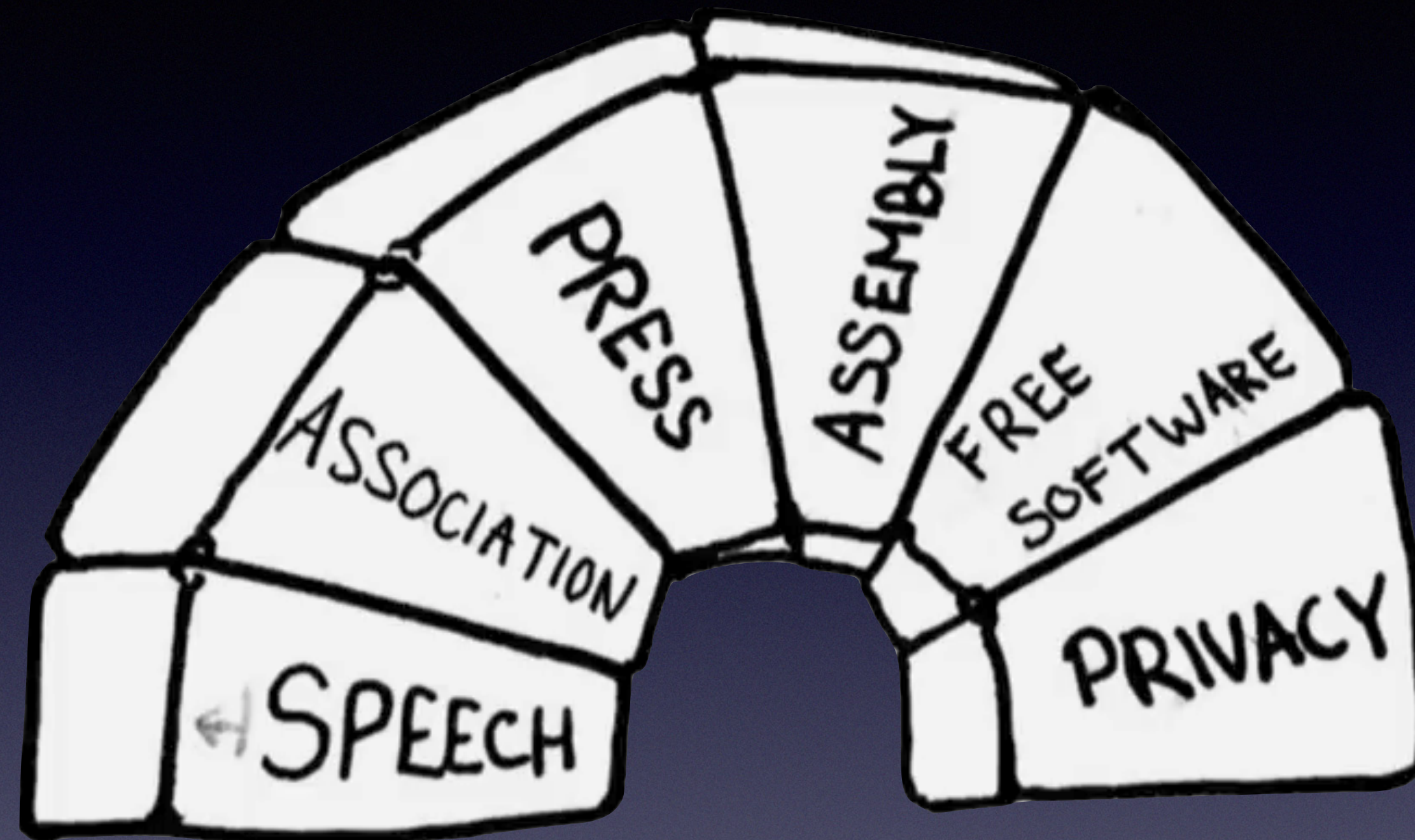
Allow study of source code

Always share software

Hardware

Hardware

Reverse engineering



Human rights







GNU

~~Open source~~
Free software

