



# Embarcadero conference

embarcadero®



Deploy em devices iOS e Apple Store

[Neri Aldoir Neitzke ]

Depois de:

- \* 10 cursos de Delphi
- \* mais de 1.000 videoaulas só de Delphi
- \* 12 anos ensinando Delphi na Universidade

Neri agora é:



# Deploy em devices iOS e Apple Store

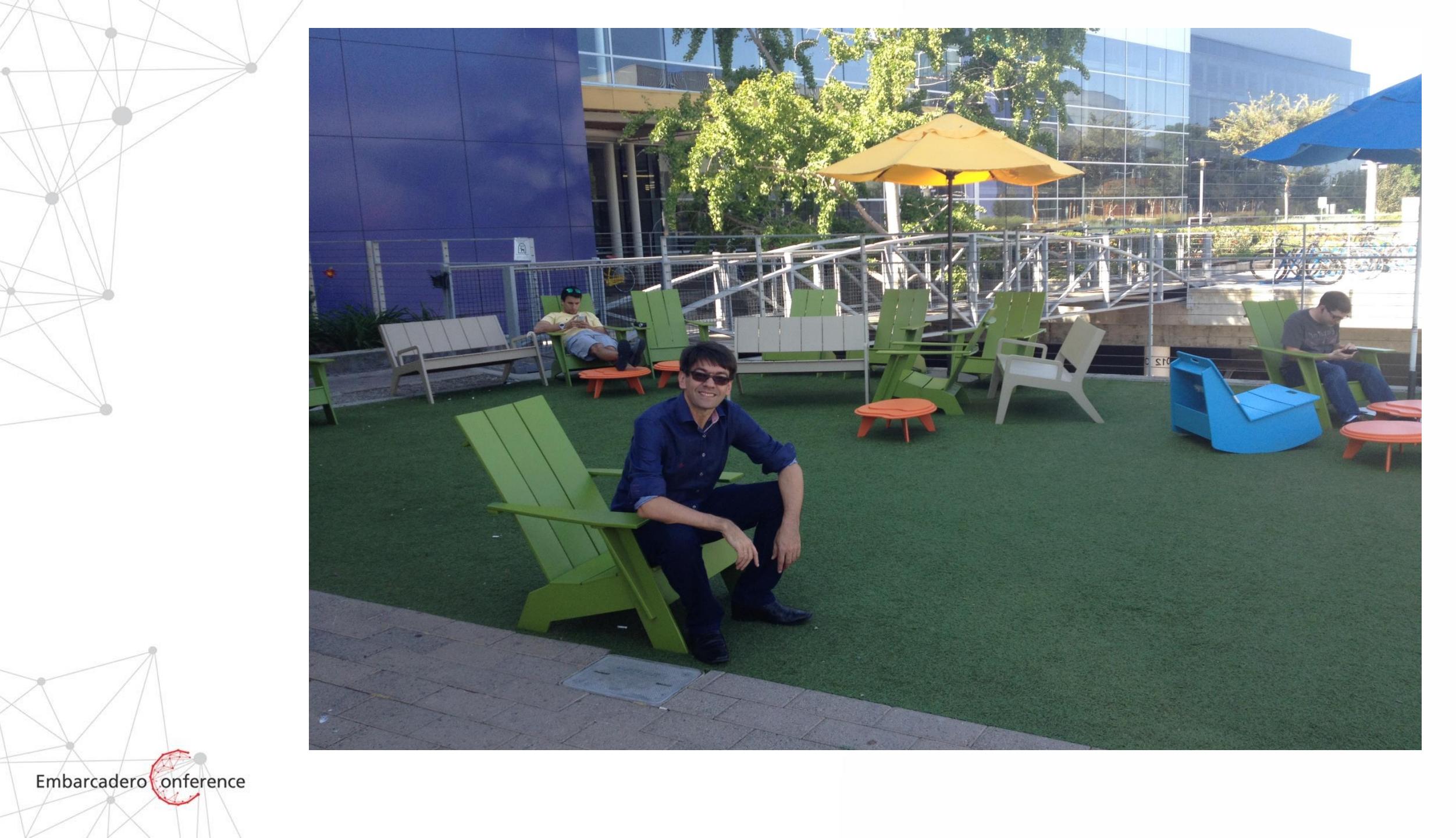
- Quem já fez deploy em devices ? (Iphone, Ipad)
- Quem já fez deploy na App Store ?
- Comparação com o Google Play

Porque no Google Play o App já vai ao ar muito antes que na App Store ainda não ? A resposta está na filosofia das empresas. As imagens seguintes tem a resposta. Veja o acesso ao Google



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Já na Apple ....

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# Google x Apple

- Filosofia diferentes
- Simplicidade
- Praticidade
- Flexibilidade
- Grandiosidade com Humildade (comparativo pessoas)
- Preço
- Google Play no ar em 3 horas
- Apple Store pode levar dias

# Segredo para fazer deploy em devices ou na App Store

- Saber a sequência correta
- Não colocar a carroça na frente dos bois
- Atualizar S.O. do Mac e Xcode
- Iniciando ...

DeployNeri - RAD Studio 10 Seattle - HeaderFooterTemplate

File Edit Search View Refactor Project Run Component Tools Window Help Default Layout iOS Device - 64 bit

Structure View: Master

Welcome Page HeaderFooterTemplate

HeaderFooterForm

- + Footer
- + Header
- + Image1
- Label2

Curso Deploy prof Neri

Neri ensinando Deploy para Devices e Google Play e App Store

Object Inspector

HeaderFooterForm THeaderFooterFo

Search Properties Events

ActiveControl BiDiMode Border BorderIcons BorderStyle Caption

bdLeftToRight (TFormBorder) [biSystemMenu,biM Sizeable

Header Footer Form

Bind Visually...

1: 1 Insert Code Design History

Project Manager

File

ProjectGroup1 DeployNeri

- + Build Configurations (Debug)
- + Target Platforms (iOSDevice64)
  - + 32-bit Windows
  - + 64-bit Windows
  - + Android - Android SDK 24.3.3 32 bit
  - + iOS Device - 32 bit - iPhoneOS 9.3 - MacbookNeri profile
    - + Target
    - + Configuration
      - + Development
      - + Ad hoc
  - + iOS Device - 64 bit - iPhoneOS 9.3 - MacbookNeri profile
    - + Target
    - + Configuration
      - + Application Store
      - + Development
      - + Ad hoc
  - + iOS Simulator - MacbookNeri profile

C:\Users\neri\Documents\Embarcadero\Studio\Projects\Deploy Devices Android Iphone IP

DeployNeri.dproj - Project Manager Model View Data Explorer Multi-Device Preview

Tool Palette

Search Standard

All shown Messages

DeployNeri - RAD Studio 10 Seattle - HeaderFooterTemplate

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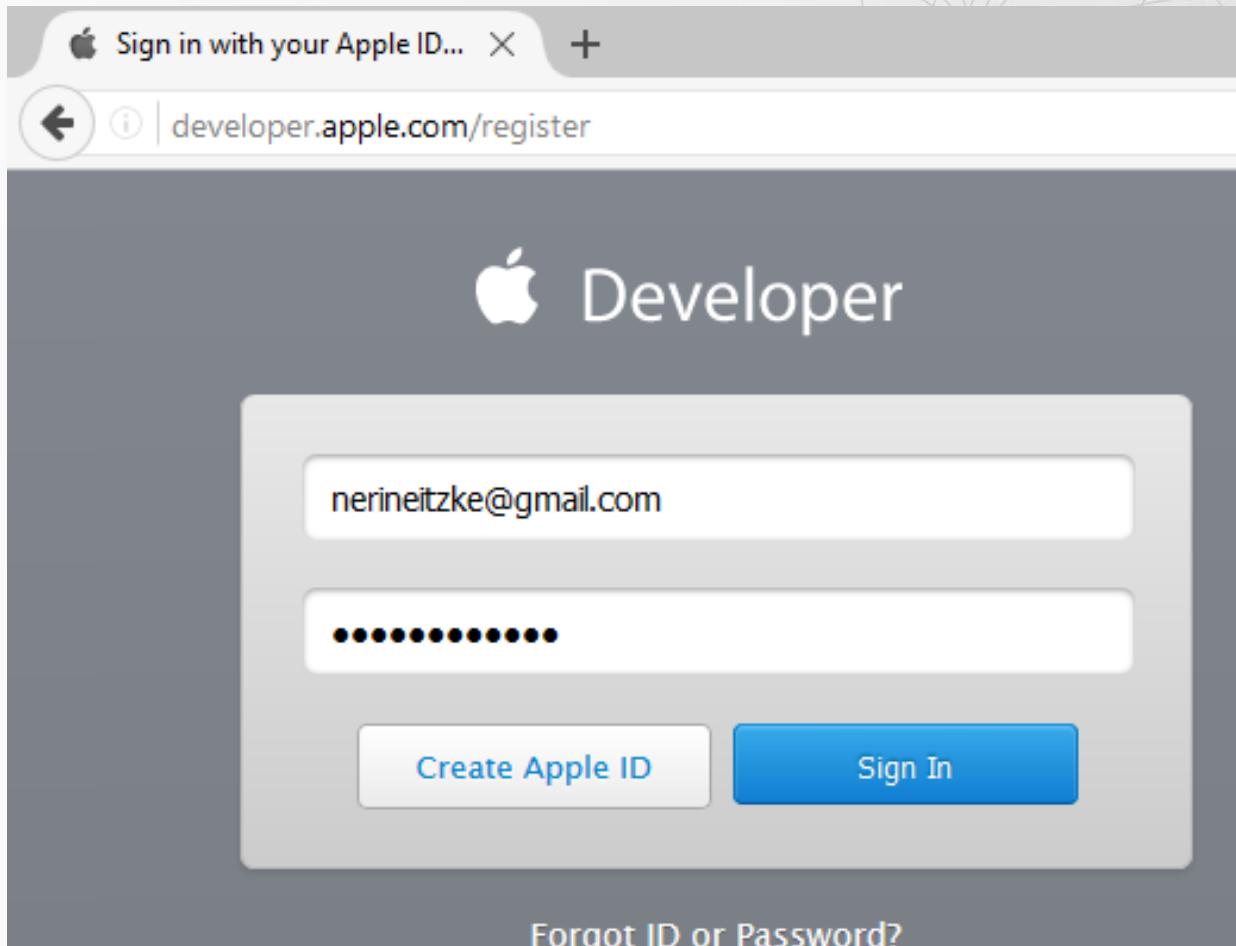
# Target Platforms



# Primeiros passos na App Store

Registrar 99 dólares  
individual ou 199 dólares  
empresarial.

Ambos planos anuais



## Developer

## Account

Program Resources

Overview

Membership

Certificates, IDs & Profiles

iTunes Connect

CloudKit Dashboard

Code-Level Support

Additional Resources

Documentation

Downloads

Forums

Bug Reporter

News & Updates

Neri Neitzke  
Apple Developer Program

1º



### Certificates, Identifiers & Profiles

Manage the certificates, identifiers, profiles, and devices you need to develop and distribute apps.

2º



### iTunes Connect

Publish and manage your apps on the App Store with iTunes Connect.

Developer

Discover

Design

Develop

Distribute

Support

Account



## Certificates, Identifiers & Profiles

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iOS, tvOS, watchOS

### Certificates

- All
- Pending
- Development
- Production
- APNs Auth Key

### Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs
- iCloud Containers

## iOS Certificates

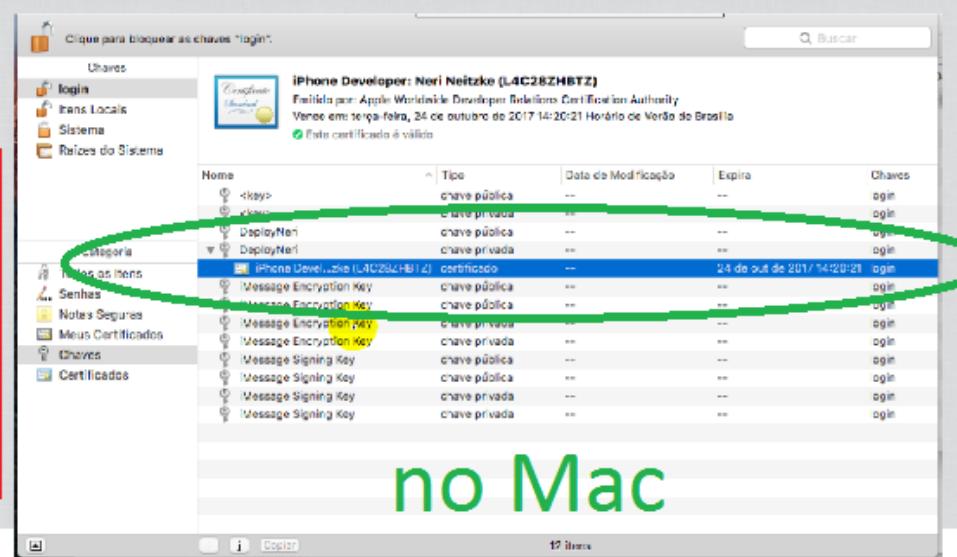
4 Certificates Total

Name	Type	Expires
Neri Neitzke	iOS Distribution	Jun 15, 2017
Neri Neitzke	iOS Development	Oct 24, 2017
Neri Neitzke	iOS Development	May 28, 2017
Neri Neitzke	iOS Distribution	Oct 24, 2017

Criar certificado no site da Apple e a chave de acesso no Mac

iPad

no Mac



# Configurar Apple ID no site da Apple e CFBundleIdentifier no Delphi

The screenshot shows the Apple Developer portal interface. On the left, there's a sidebar with categories like Certificates, Identifiers & Profiles, iOS, tvOS, watchOS, Certificates, Identifiers, and Devices. The 'Identifiers' section is highlighted with a red oval, and within it, the 'App IDs' option is also highlighted with a red oval. The main area displays a table of 11 App IDs, with two specific entries circled in red: 'DeployNeri' and 'DeviceInfo'. Below this table, several projects are listed: Project1iBeacon, Project1iBeaconEventos, Ranking, VideoaulasNeri, project1, and shoplist. A detailed 'Project Options for DeployNeri' dialog is open at the bottom right, showing various compiler and linker settings. A blue oval highlights the 'Version Info' section under the Application settings. Within this section, the 'CFBundleIdentifier' key is specifically circled in blue and has its value set to 'com.videoaulaneri.DeployNeri'.

11 App IDs total.

Name	ID
Anotacoes	com.videoaulaneri.anotacoes
Camera	com.videoaulaneri.CameraComponent
CursosNeri	com.videoaulaneri.CursosNeri
DeployNeri	com.videoaulaneri.DeployNeri
DeviceInfo	com.videoaulaneri.DeviceInfo

Project1iBeacon

Project1iBeaconEventos

Ranking

VideoaulasNeri

project1

shoplist

Project Options for DeployNeri (iOSDevice64 - Debug)

Target: Debug configuration - iOS Device - 64 bit platform

Include version information in project

Module version number

Major version: 1 Minor version: 0 Build: 0

Build number options

Do not change build number

Key	Value
CFBundleName	\$(ModuleName)
CFBundleDevelopmentRegion	en
CFBundleIdentifier	com.videoaulaneri.DeployNeri
CFBundleIcons	~
CFBundleVersion	1.0.0
CFBundlePackageType	APPL
CFBundleSignature	???
LSRequiresiPhoneOS	true
CFBundleNativeArchitectures	~

No Delphi

Detalhes do app - Curso X Eventos com iBeacon pro X Devices - Apple Develop X Entrada (4) - videoaulane X Neri Neitzke X Videoau

← → C Apple Inc. [US] | https://developer.apple.com/account/ios/device/

Developer Discover Design Develop Distribute Support Account

## Certificates, Identifiers & Profiles

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iOS, tvOS, watchOS ▾

**Certificates**

- All
- Pending
- Development
- Production
- APNs Auth Key

**Identifiers**

- App IDs
- Pass Type IDs
- Website Push IDs
- iCloud Containers
- App Groups
- Merchant IDs

**Devices**

- All
- Apple TV
- Apple Watch
- iPad

All Devices

Name	Identifier
Iphone Neri Videoaula	ff0f037b758c93f56601eacd75bd1a6461e44fec
Ipad do Neri	487cef9e945bb92d3604c6485969385d975a68b1
Giulia Iphone	719513e552ec8034e9b28a7165f7e08ab7c33cc8

Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help

DEVICES My Mac 10.11.4 (15E65) iPhone de Neri Neitzke 9.3.1 (13E238)

SIMULATORS Apple TV 1080p 9.2 (13Y227) iPad 2 9.3 (13E230) iPad Air 9.3 (13E230) iPad Air 2 9.3 (13E230) iPad Pro 9.3 (13E230) iPad Retina 9.3 (13E230) iPhone 4s 9.3 (13E230) iPhone 5 9.3 (13E230)

iPhone de Neri Neitzke is busy: Processing symbol files  
Xcode will continue when iPhone de Neri Neitzke is finished.

Device Information

Name	iPhone de Neri Neitzke
Model	iPhone 4S
Capacity	12,54 GB (1,17 GB available)
Battery	100%
iOS	9.3.1 (13E238)
Identifier	ff0f037b758c93f56601eacd75bd1a6461e44fec

View Device Logs Take Screenshot

Installed Apps

Name	Version	Identifier
Anotações	1.0.0	co.videoaulane.anotacoes

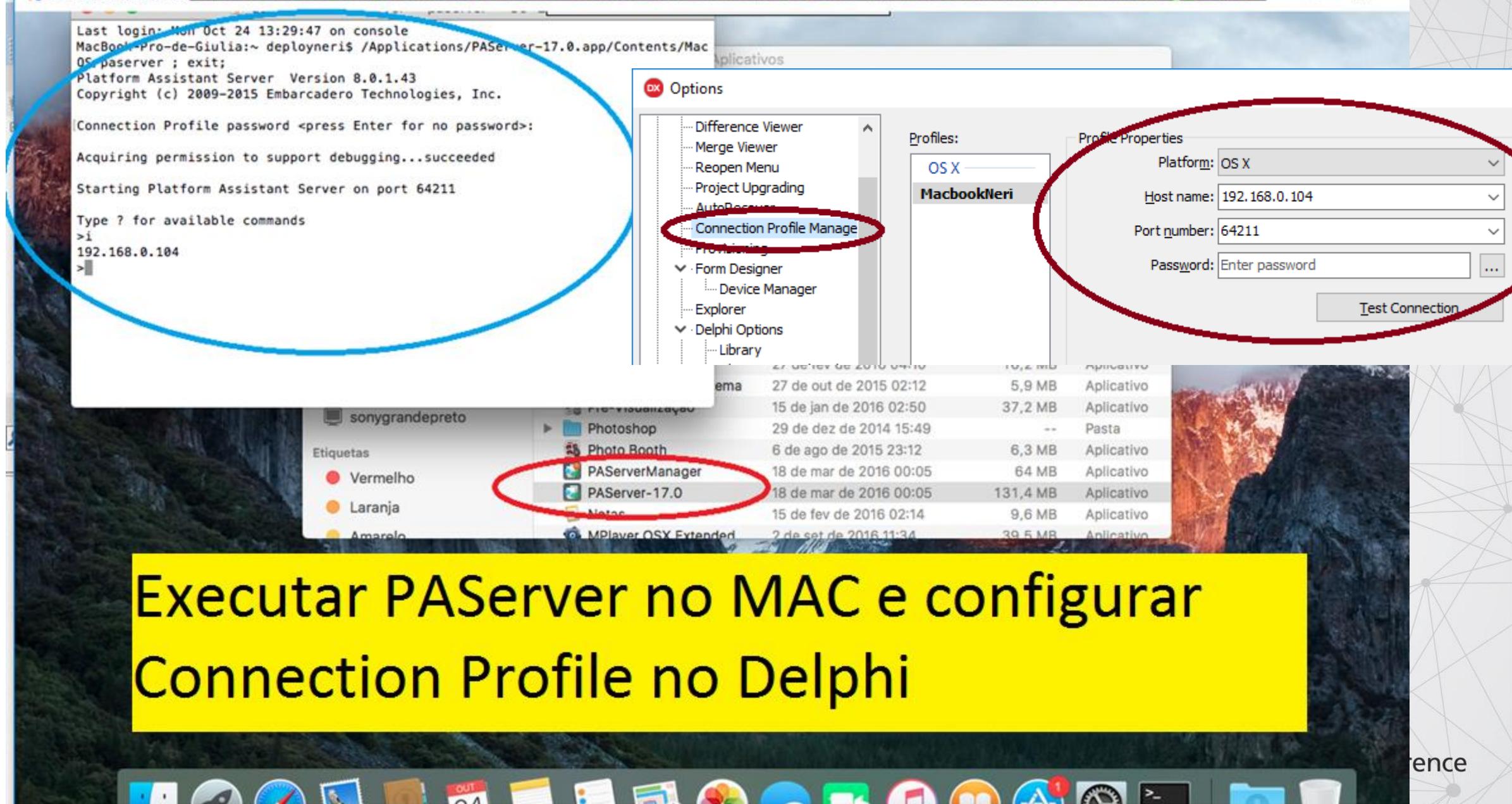
No MAC Xcode

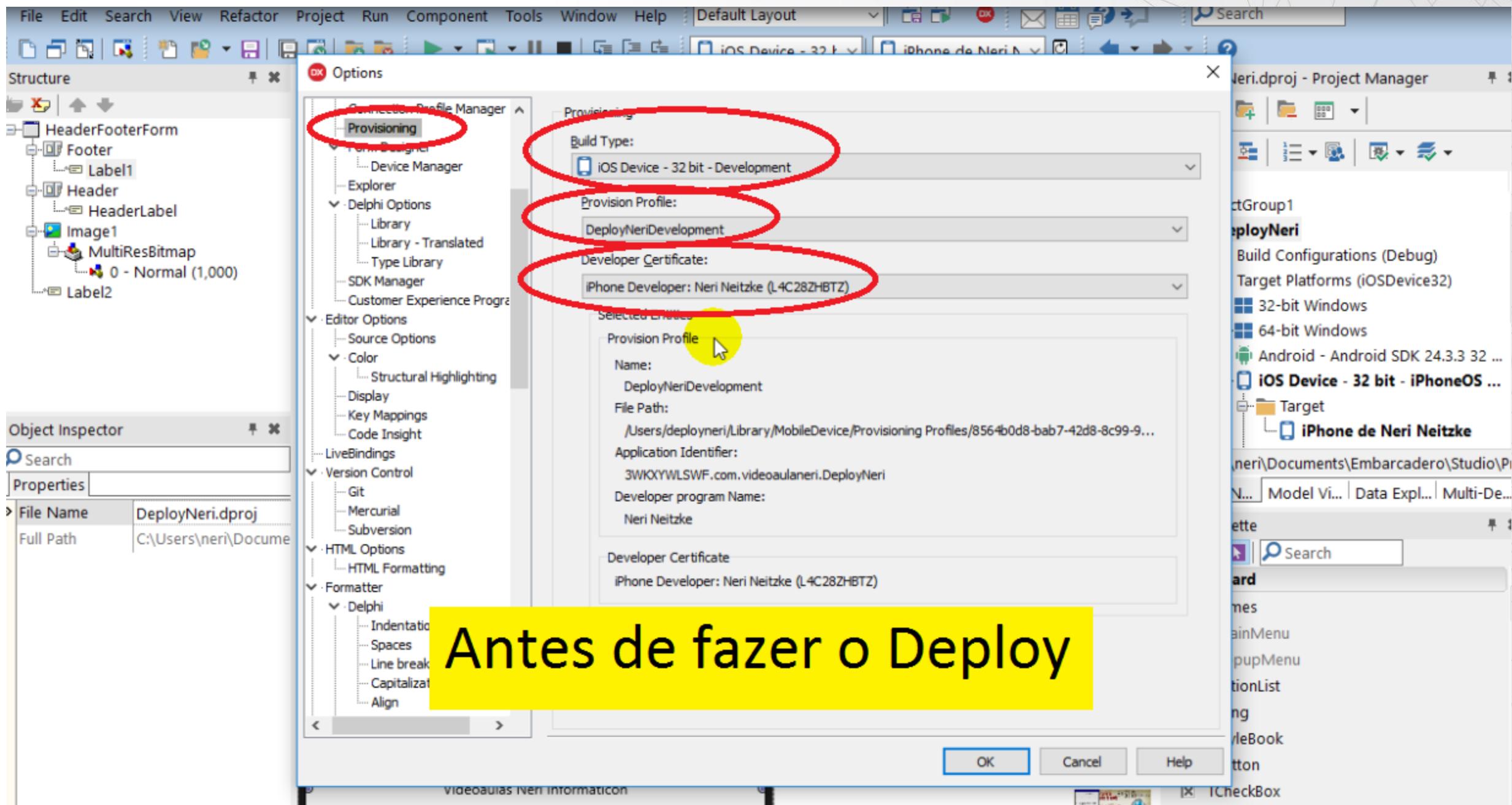


prc X iOS Provisioning Profiles X M Entrada (4) - videoaulane X f Neri Neitzke X V

ple.com/account/ios/profile/

CameraComponent	iOS Development	Active	
CursosNeri	iOS Development	Active	
DeployNeriDevelopment	iOS Development	Active	
DeployNeriDistribution	iOS Distribution	Active	
DeviceInfo	iOS Development	Active	
Project1iBeacon	iOS Development	Active	
Project1iBeaconEventos	iOS Development	Active	
Project2	iOS Development	Invalid	
Ranking	iOS Development	Active	
RankingDistribuicao	iOS Distribution	Active	
VideoaulasNeri	iOS Development	Active	
AnotacoesDesenvolvedor	iOS Development	Active	
iBeaconEventosDistribuicao	iOS Distribution	Active	
project1	iOS Development	Active	
shoplist	iOS Development	Active	
teste	iOS Development	Invalid	
teste2	iOS Development	Invalid	
teste3	iOS Development	Invalid	





# Antes de fazer o Deploy

# Deploy para Devices

•••• TIM ⌂ 16:35 100% ⚡

## Curso Deploy prof Neri

Neri ensinando Deploy para  
Devices e Google Play e App  
Store

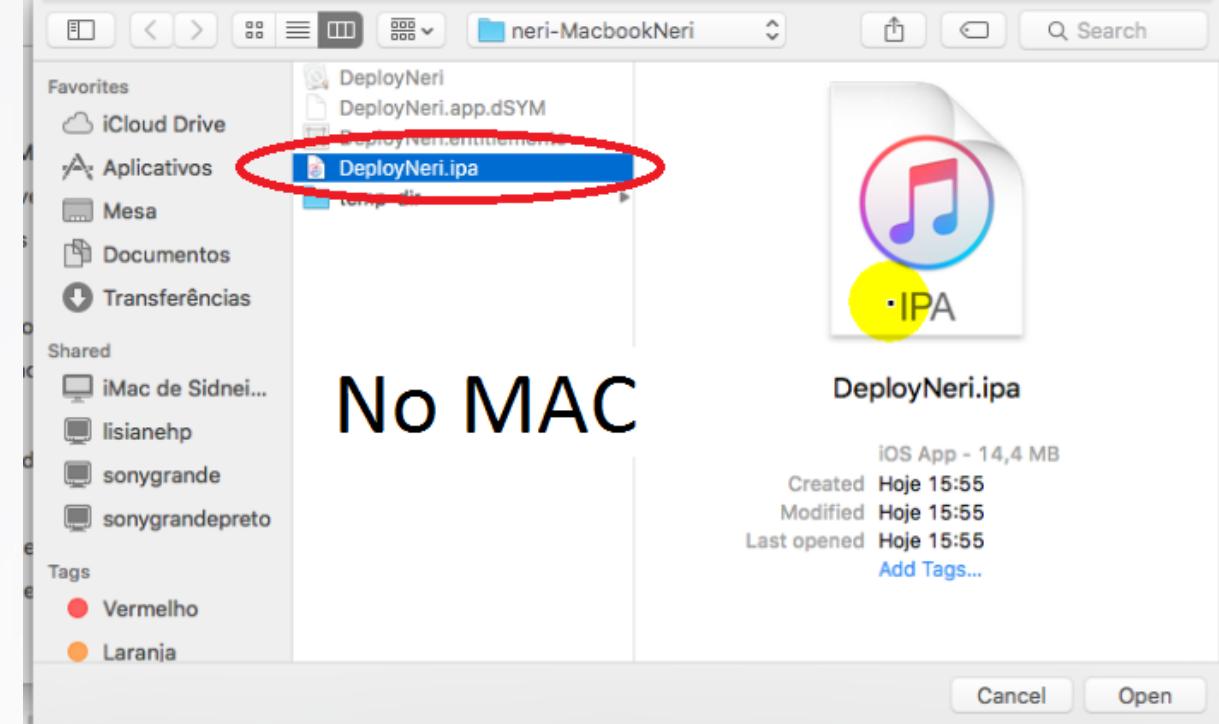


Videoaulas Neri Informatico

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# Enviar para a App Store

- Após fazer deploy para App Store, é gerado um arquivo .IPA



No MAC

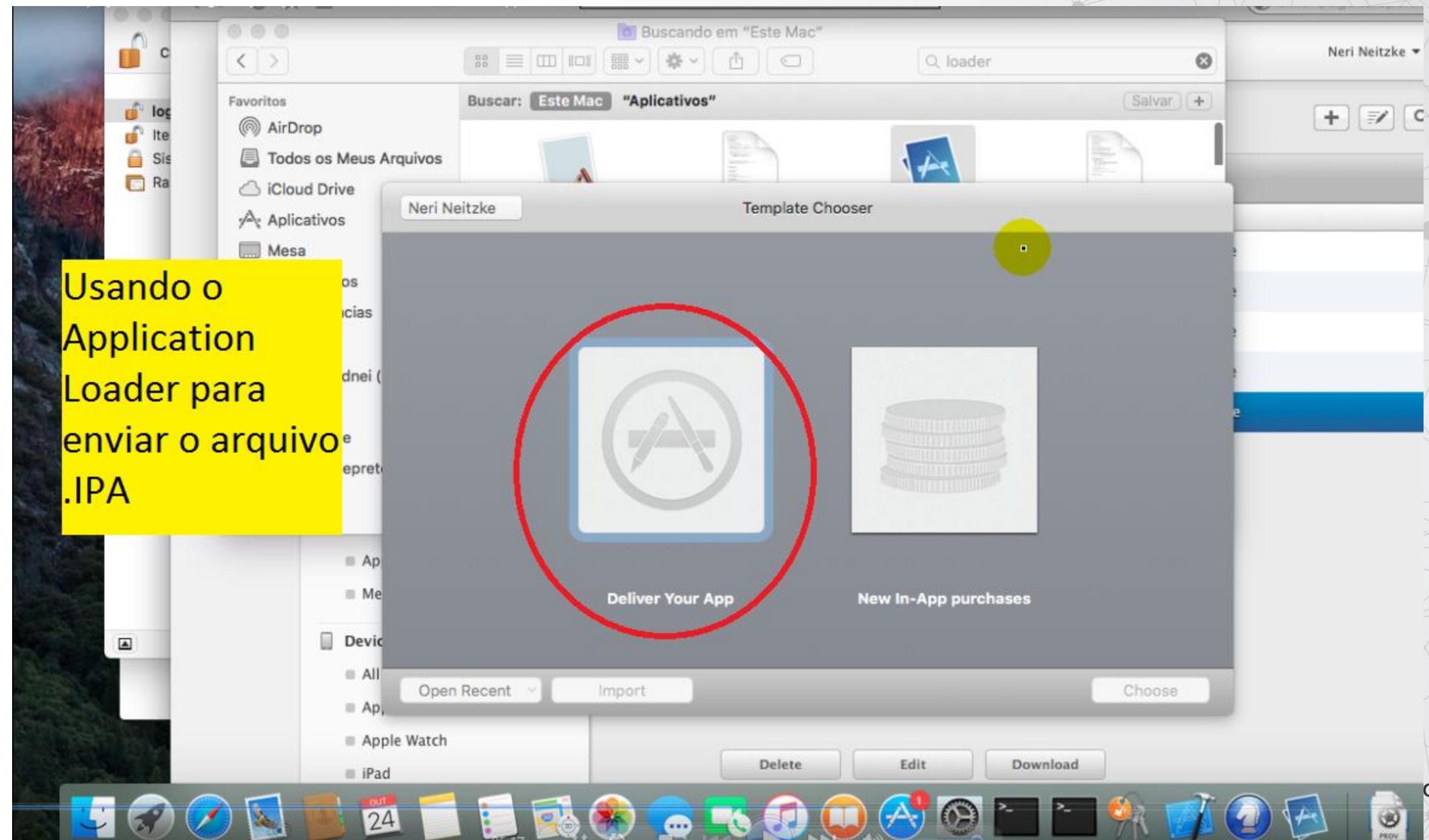
Exibir

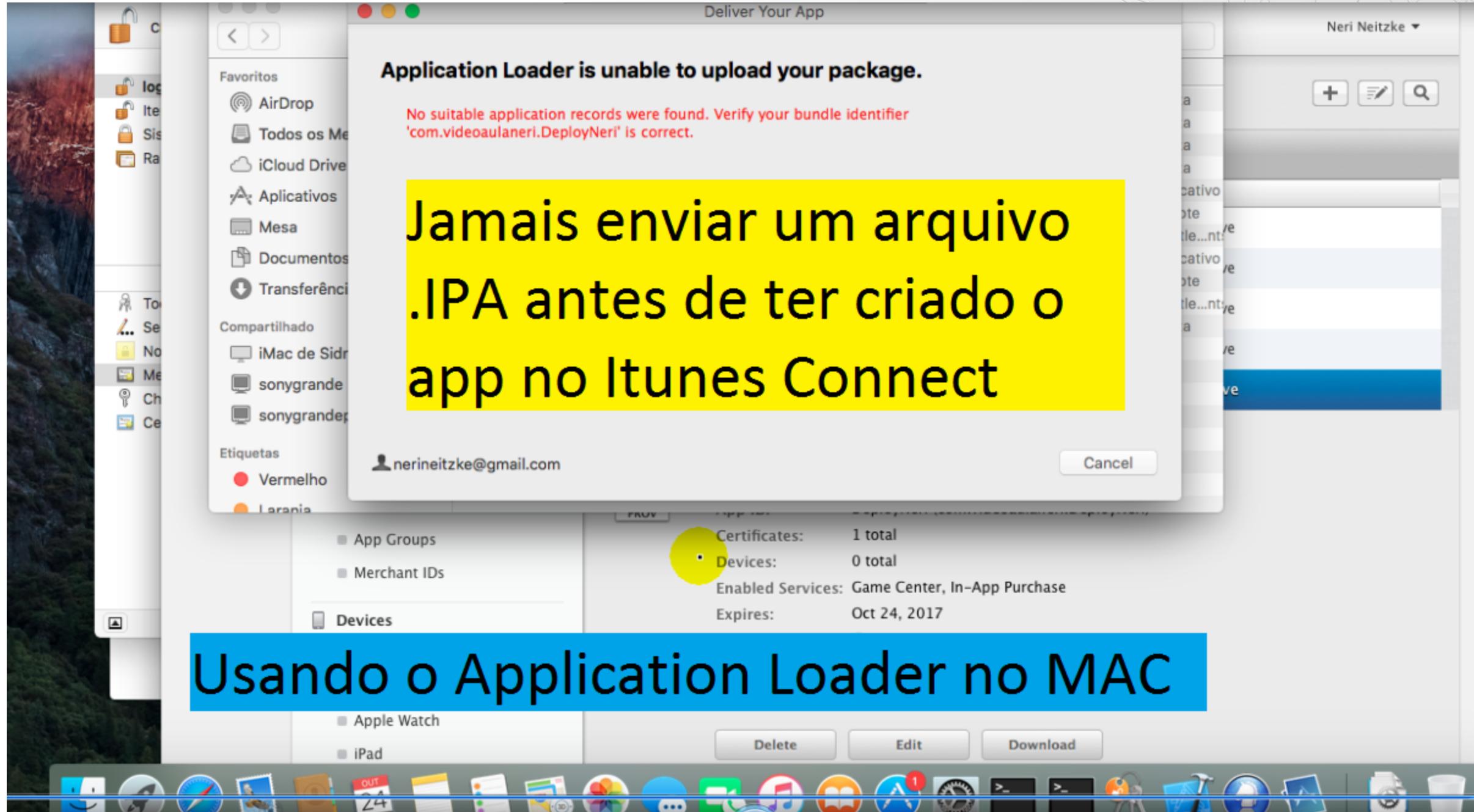
Embarcadero > Studio > Projects > Deploy Devices Android Iphone Ipad Google Play e App Store > iOSDevice64 > Debug

Nome	Data de modificação	Tipo	Tamanho
DeployNeri	24/10/2016 15:47	Arquivo	30.040 KB
DeployNeri.dSYM	24/10/2016 15:48	Arquivo DSYM	56.876 KB
DeployNeri.entitlements	24/10/2016 15:47	Arquivo ENTITLEMENTS	1 KB
DeployNeri.plist	24/10/2016 15:47	Arquivo PLIST	6 KB
DeployNeri.ipa	24/10/2016 15:55	Aplicativo iOS	14.058 KB
DeployNeri	24/10/2016 15:47	Arquivo O	712 KB
HeaderFooterTemplate.dcu	24/10/2016 15:47	Arquivo DCU	1.182 KB
HeaderFooterTemplate.o	24/10/2016 15:47	Arquivo O	2.978 KB

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Usando o  
Application  
Loader para  
enviar o arquivo  
.IPA





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Certificates, Identifiers & Profiles

Manage the certificates, identifiers, profiles, and devices you need to develop and distribute apps.

2º



iTunes Connect

Publish and manage your apps on the App Store with iTunes Connect.





## iTunes Connect Meus apps ▾



...



Eventos com  
iBeacon prof Neri

● iOS 1.0 Aguardando revisão



Bloco para  
anotações e  
● iOS 1.0 Pronto pa

Você deve  
criar novo App

**Novo app**

Plataformas ?  
 iOS  tvOS

Nome ?  
DeployNeri

Idioma principal ?  
Brazilian Portuguese

ID do pacote ?  
DeployNeri - com.videoaulaneri.DeployNeri

SKU ?  
DeployNeri

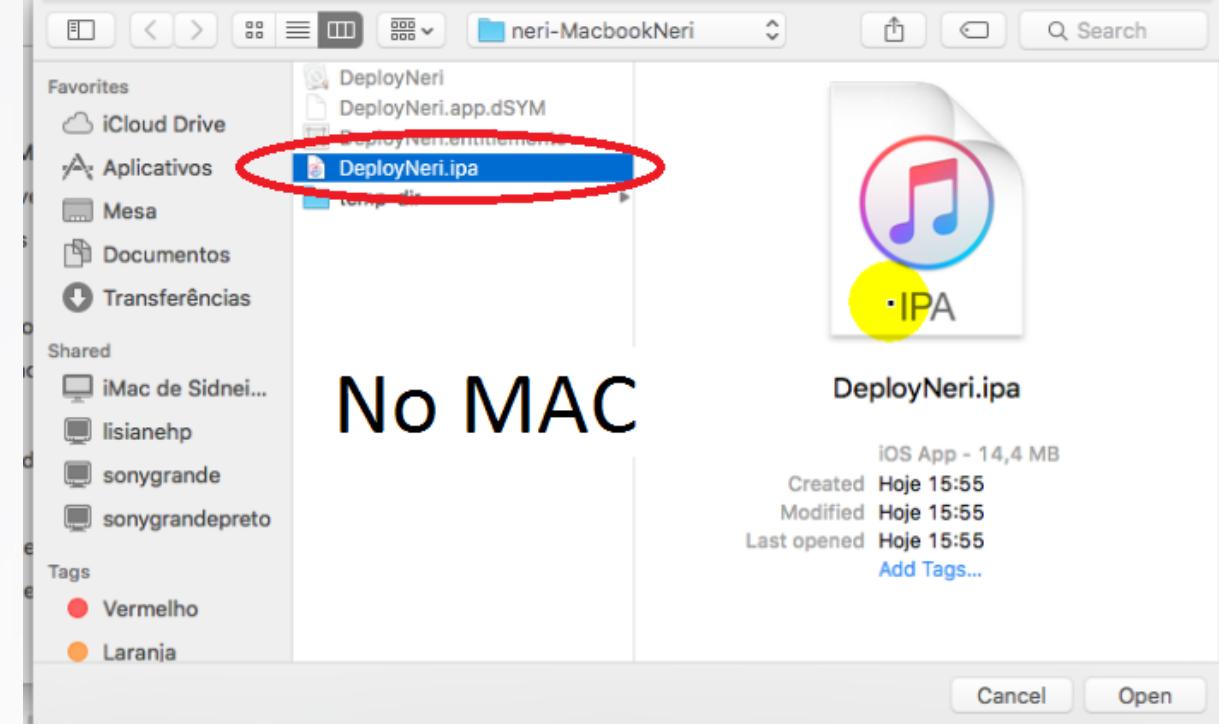




g  
D Pronto para venda

# Enviar para a App Store

- Após fazer deploy para App Store, é gerado um arquivo .IPA

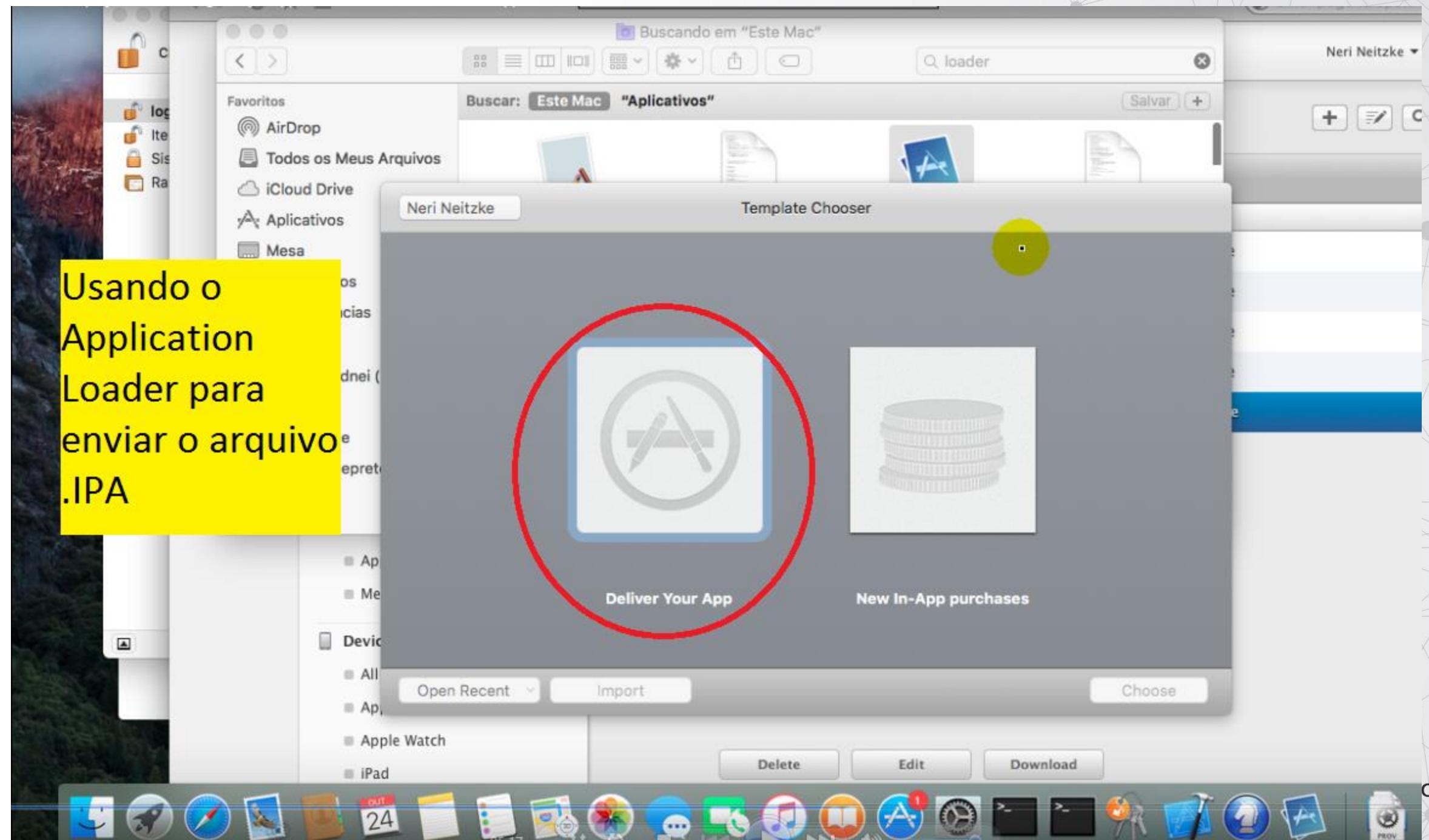


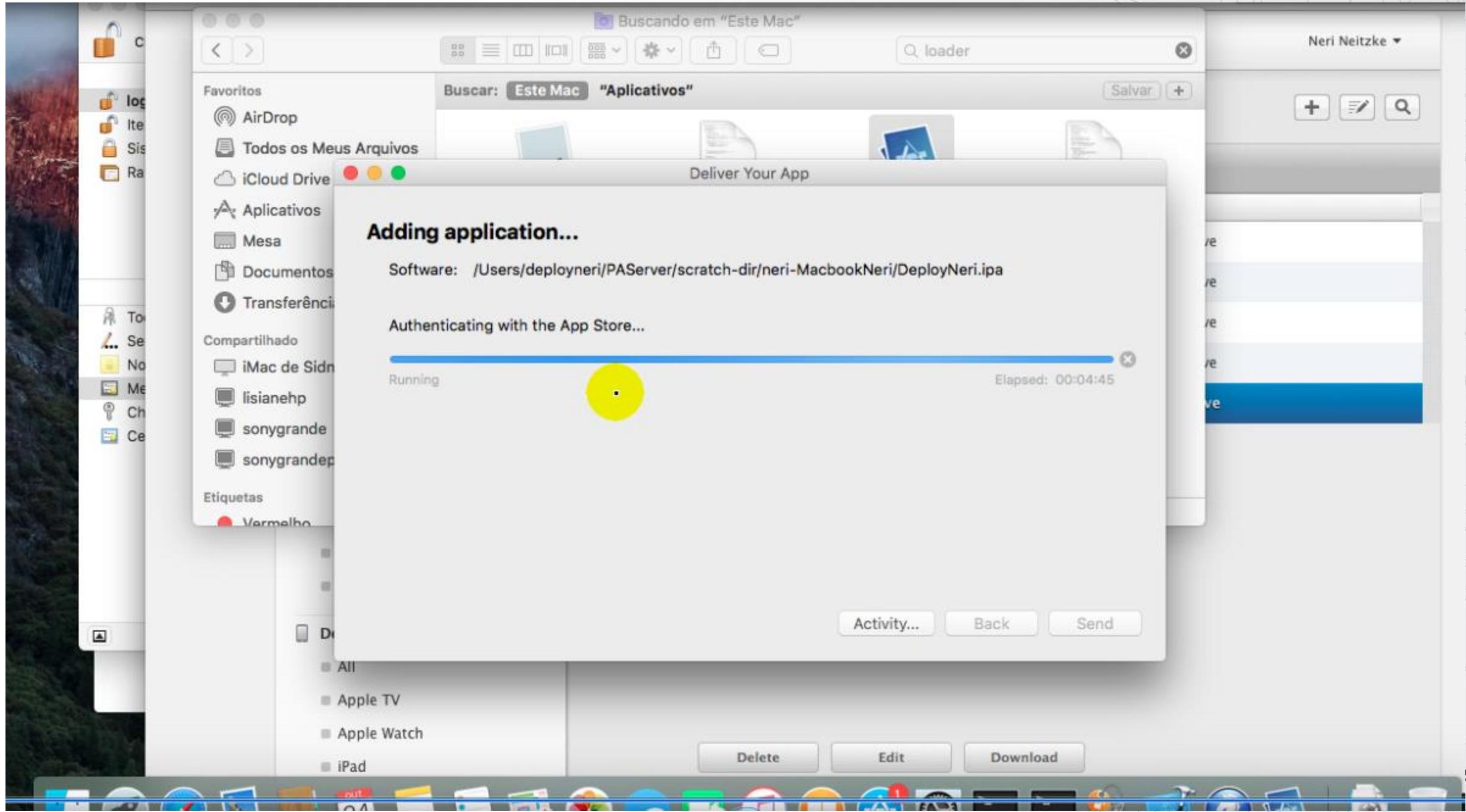
No MAC

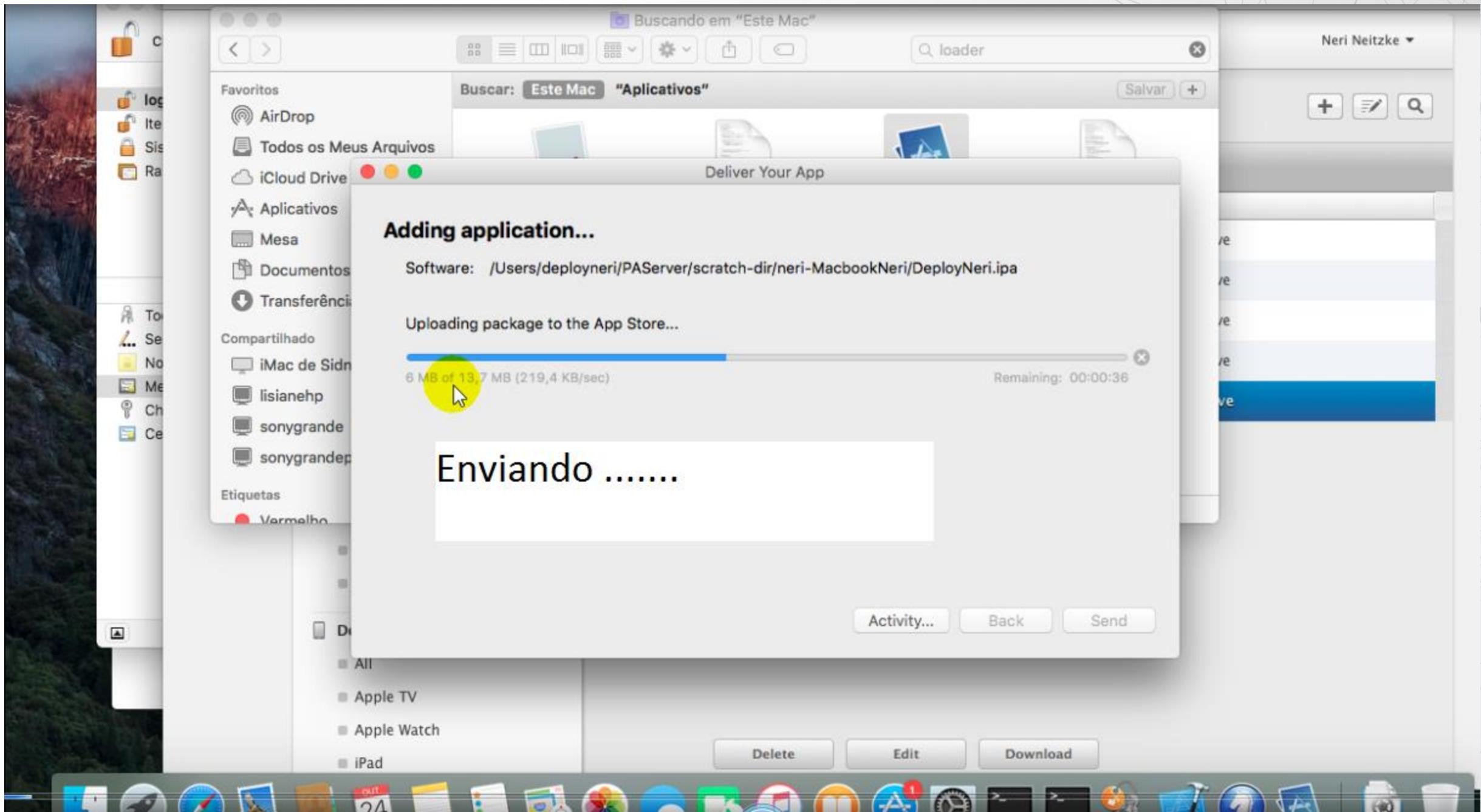
Exibir			
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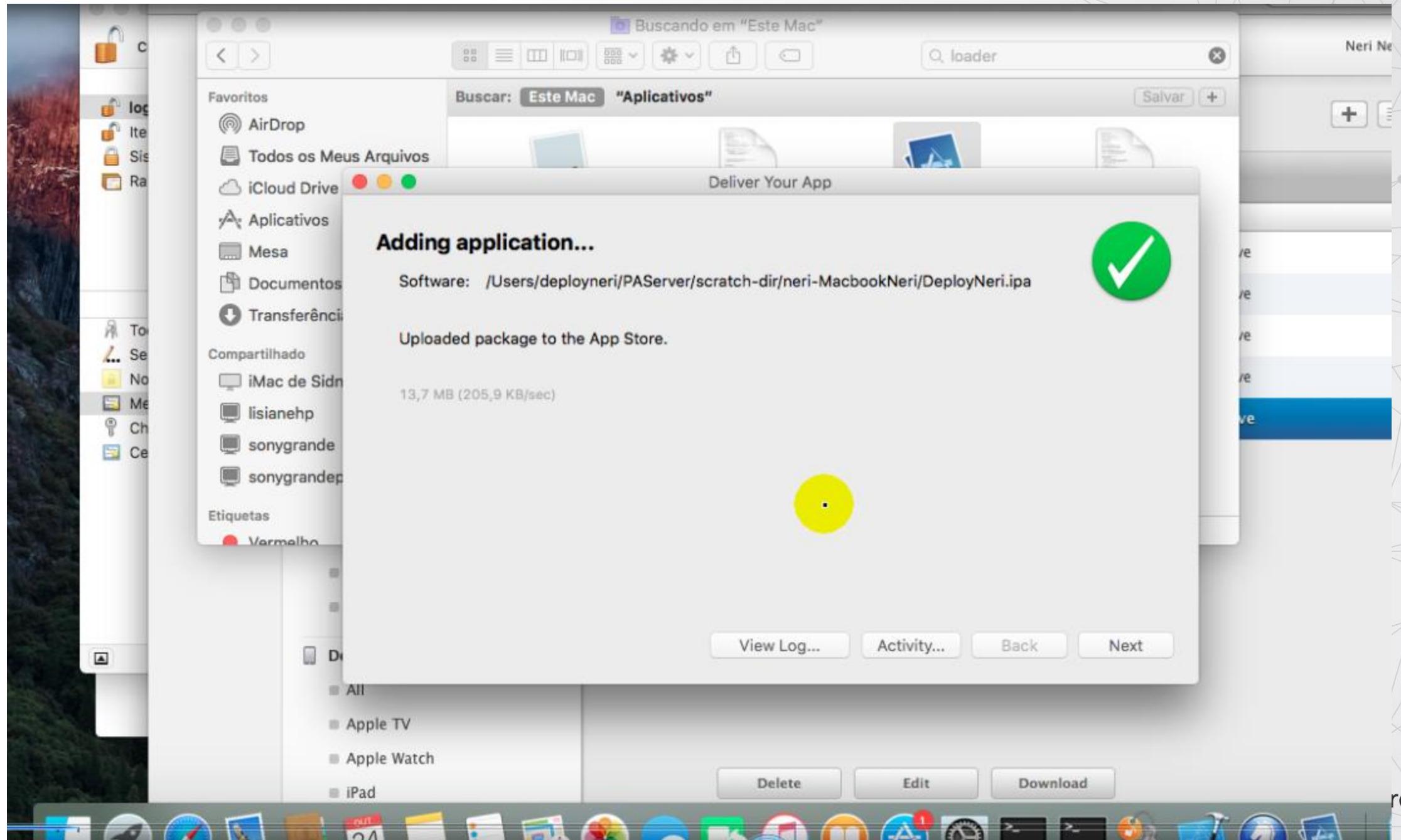
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Usando o  
Application  
Loader para  
enviar o arquivo  
.IPA











App Store Recursos Atividade

## INFORMAÇÕES DA APP STORE

App Store Recursos TestFlight Atividade

## INFORMAÇÕES DA APP STORE

Informações do app

Preços e disponibilidade

## APP PARA iOS

● 1.0 Preparar para envio

+ VERSÃO OU PLATAFORMA

## Direitos autorais do conteúdo

Seu app contém, exibe ou acessa conteúdo de terceiros?

 Sim  Não

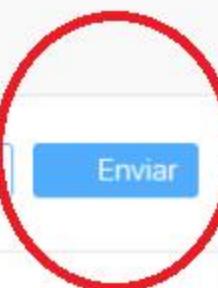
## Identificador de publicidade

Este app utiliza o Identificador de publicidade (IDFA)?

 Sim  Não

O [Identificador de publicidade \(IDFA\)](#) é uma ID exclusiva para cada dispositivo iOS e é a única forma de oferecer anúncios dirigidos. Os usuários podem escolher limitar o direcionamento de anúncios em seus dispositivos iOS.

Certifique-se de que seu app não armazena, transmite ou processa o IDFA de nenhum usuário.

# Apps na App Store

← → C Apple Inc. [US] | <https://itunesconnect.apple.com/WebObjects/iTunesConnect.woa/ra/ng/app> ⭐

iTunes Connect Meus apps ▾

+ ⚡ Buscar

 A hand holding a smartphone displaying a message: "Parabéns, você está na palestra no Neri. Bem vindo." Next to the phone is a small blue iBeacon device.	 A black icon showing a spiral-bound notebook with a red pencil resting on it.	 A wireframe geometric pattern consisting of concentric circles and intersecting lines forming a cube-like structure.	 A person's arm holding a tennis racket and a yellow tennis ball.
<p>Eventos com iBeacon prof Neri</p> <p>● iOS 1.0 Aguardando revisão</p>	<p>Bloco para anotações e idéias</p> <p>● iOS 1.0 Pronto para venda</p>	<p>CursosNeri1</p> <p>● iOS 1.0 Preparar para envio</p>	<p>Ranking</p> <p>● iOS 5.0.0 Pronto para venda</p>

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Delphi Compiler
Compiling
Conditional warnings
Linking
Output - C/C++
Resource Compiler
Directories and Conditionals
Build Events
Entitlement List
Uses Permissions
Forms
Application
Orientation
Version Info
Packages
Runtime Packages
Debugger
Symbol Tables
Environment Block
Provisioning

Target: Debug configuration - iOS Device - 64 bit platform

Apply... Save...

**Para o app funcionar  
em todos os iPhones**

Code generation	<input type="checkbox"/> On
Code inlining control	<input type="checkbox"/> 0
Code page	<input type="checkbox"/> false
Emit runtime type information	<input type="checkbox"/> Byte
Minimum enum size	<input type="checkbox"/> 1 byte
Optimization	<input type="checkbox"/> Full
Record field alignment	<input type="checkbox"/> Quad word
Debugging	<input checked="" type="checkbox"/> true
Assertions	<input type="checkbox"/> Debug information
Debug information	<input checked="" type="checkbox"/> true
Local symbols	<input type="checkbox"/> Reference info
Symbol reference info	<input checked="" type="checkbox"/> true
Use debug .dous	<input type="checkbox"/> true
Other options	<input type="checkbox"/> Additional options to pass to the compiler
Generate iOS universal binary file (armv7 + arm64)	<input checked="" type="checkbox"/> true
Generate XML documentation	<input type="checkbox"/> false
Output unit dependency information	<input type="checkbox"/> false
Require \$IF to be terminated by \$IFDEF	<input type="checkbox"/> false
XML documentation output directory	<input type="checkbox"/>
Runtime errors	<input checked="" type="checkbox"/> true
I/O checking	<input type="checkbox"/> false
Overflow checking	<input type="checkbox"/> false
Range checking	<input type="checkbox"/> false
Syntax options	<input type="checkbox"/>
Assignable typed constants	<input type="checkbox"/> false
Complete boolean evaluation	<input type="checkbox"/> false
Extended syntax	<input checked="" type="checkbox"/> true
Open parameters	<input checked="" type="checkbox"/> true
Strict var-strings	<input checked="" type="checkbox"/> true
Typed @ operator	<input type="checkbox"/> false

OK Cancel Help

# Curso Deploy Total

Tudo o que você precisa saber para fazer  
deploy para devices (iOS e Android) e fazer  
deploy para Google Play/App Store

50% de desconto

DVD com 57 videoaulas

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**f** <https://www.facebook.com/neri.neitzke>

[www.informaticon.com.br](http://www.informaticon.com.br)

Prof Neri Neitzke

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[OBRIGADO]

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