

PEMROGRAMAN LANJUT

Pembuatan Paket Installer (File Setup)

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Apa Itu Paket Installer?

Paket installer adalah software yang digunakan untuk membuat file setup/instalasi dari sebuah aplikasi.

Ada banyak software paket installer yang bisa digunakan yaitu:

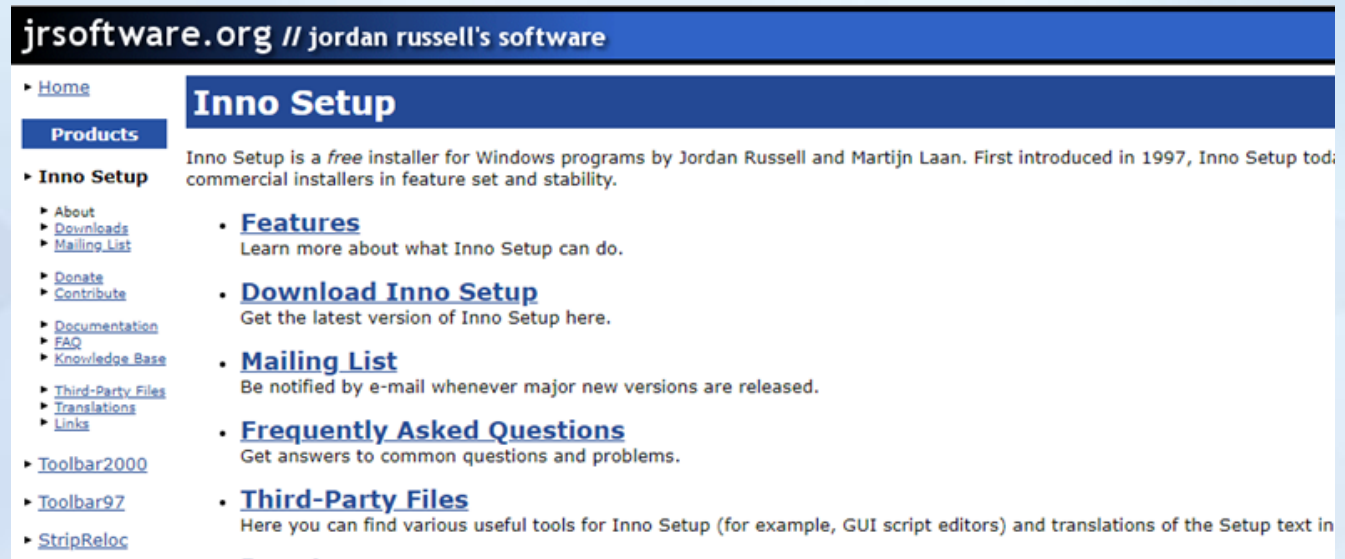
- ✓ Visual Studio Installer
- ✓ Inno Setup
- ✓ NSIS
- ✓ Advanced Installer

Apa Itu Inno Setup?

Inno Setup adalah software untuk pembuatan paket installer yang berlisensi free dan open source.

Beberapa alasan kenapa menggunakan Inno Setup:

- ✓ Lisensi free dan open source
- ✓ Komunitas/penggunanya sudah banyak (1997, 25 tahun)
- ✓ Development Aktif
- ✓ Dukungan plugin pihak ketiga
- ✓ Translate
- ✓ Dokumentasi



The screenshot shows the website jrsoftware.org with the header "jordan russell's software". The main heading is "Inno Setup". Below the heading, it states: "Inno Setup is a free installer for Windows programs by Jordan Russell and Martijn Laan. First introduced in 1997, Inno Setup today is one of the most popular commercial installers in feature set and stability." The page lists several links: "Features", "Download Inno Setup", "Mailing List", "Frequently Asked Questions", and "Third-Party Files". On the left side, there is a sidebar with links to "Home", "Products", "Inno Setup", "About", "Downloads", "Mailing List", "Donate", "Contribute", "Documentation", "FAQ", "Knowledge Base", "Third-Party Files", "Translations", "Links", "Toolbar2000", "Toolbar97", and "StripReloc".

jrsoftware.org // jordan russell's software

Inno Setup

Inno Setup is a free installer for Windows programs by Jordan Russell and Martijn Laan. First introduced in 1997, Inno Setup today is one of the most popular commercial installers in feature set and stability.

- [Features](#)
Learn more about what Inno Setup can do.
- [Download Inno Setup](#)
Get the latest version of Inno Setup here.
- [Mailing List](#)
Be notified by e-mail whenever major new versions are released.
- [Frequently Asked Questions](#)
Get answers to common questions and problems.
- [Third-Party Files](#)
Here you can find various useful tools for Inno Setup (for example, GUI script editors) and translations of the Setup text in various languages.

[Home](#)

Products

- Inno Setup**
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- [Toolbar2000](#)
- [Toolbar97](#)
- [StripReloc](#)

Script Inno Setup

Script Inno Setup ditulis dengan menggunakan format *INI*.

Format *INI* adalah format standar yang biasa digunakan untuk menyimpan konfigurasi aplikasi.

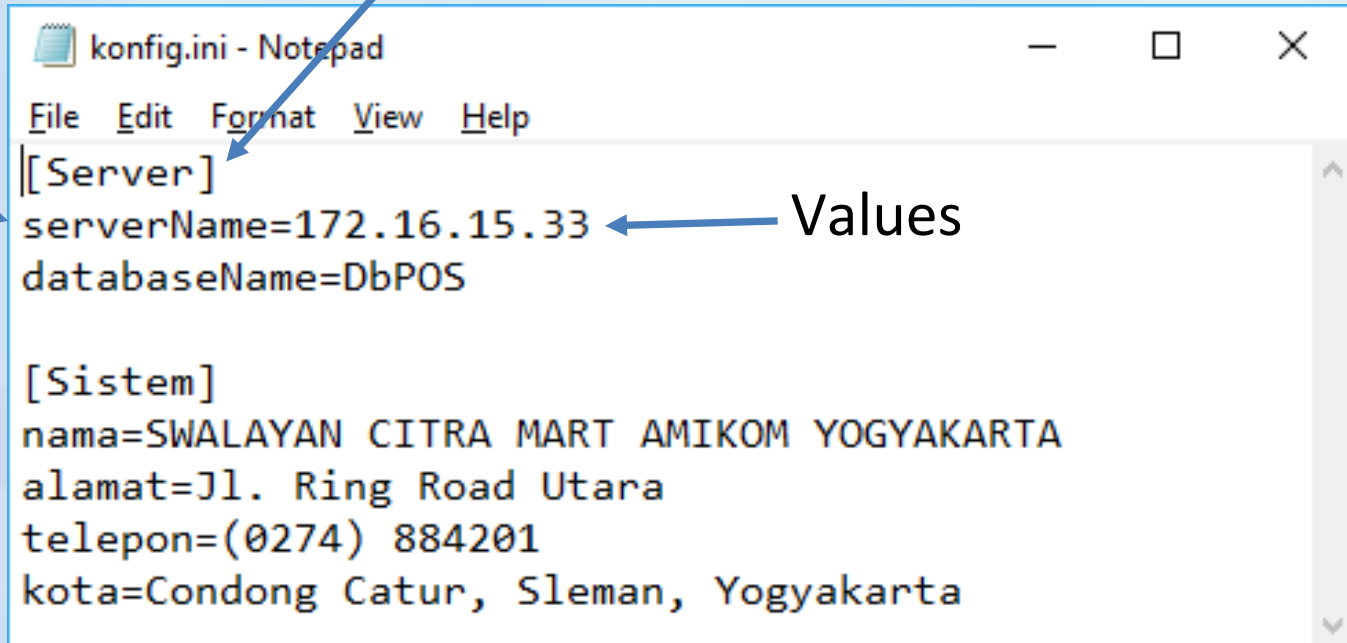
File yang menggunakan format *INI* adalah file teks biasa yang struktur/isinya terdiri dari *sections*, *keys* dan *values*.

Contoh:

Sections

Keys

Values



```
konfig.ini - Notepad
File Edit Format View Help
[Server]
serverName=172.16.15.33
databaseName=DbPOS

[Sistem]
nama=SWALAYAN CITRA MART AMIKOM YOGYAKARTA
alamat=Jl. Ring Road Utara
telepon=(0274) 884201
kota=Condong Catur, Sleman, Yogyakarta
```

Documentation Script Inno Setup

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- [-] Setup Script Sections
 - ? [Setup] section
 - [-] [Setup] section directives
 - ? [Types] section
 - ? [Components] section
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 - ? [Messages] section
 - ? [CustomMessages] section
 - ? [LangOptions] section
 - ? [Registry] section
 - ? [Run] section
 - ? [UninstallDelete] section
 - ? [UninstallRun] section

[+] Pascal Scripting

What is Inno Setup?

Inno Setup version 5.5.3

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[Inno Setup home page](#) ↗

Inno Setup is a *free* installer for Windows programs. First introduced

Key features:

- Support for every Windows release since 2000, including: Windows XP, Windows Server 2003, and Windows 2000. (No support for Windows 9x/NT4.)
- Extensive support for installation of [64-bit](#) applications on the 64-bit editions of Windows. Windows Server Pack 1 or later is required on Windows Server 2003 to install in 64-bit mode.
- Supports creation of a single EXE to install your program for ease of distribution.
- Standard Windows 2000/XP-style wizard interface.
- Customizable setup [types](#), e.g. Full, Minimal, Custom.
- Complete [uninstall](#) capabilities.
- Installation of [files](#):
Includes integrated support for "deflate", bzip2, and 7-Zip LZMA compression, counting, register DLL/OCX's and type libraries, and install fonts.
- Creation of [shortcuts](#) anywhere, including in the Start Menu and Desktop.
- Creation of [registry](#) and [.INI](#) entries.
- [Running](#) other programs before, during or after install.

Contoh Script Inno Setup

setup.iss - Inno Setup Compiler 5.5.3 (a)

File Edit View Build Run Tools Help

Sections

```
[Setup]
AppName=Sistem Informasi Perpustakaan
AppVerName=Sistem Informasi Perpustakaan Versi 1.0.0
AppPublisher=Kamarudin
AppCopyright=Copyright © 2019. Kamarudin
DefaultDirName={pf}\SI Perpustakaan
DefaultGroupName=SI Perpustakaan
OutputDir=release
OutputBaseFilename=SIPerpustakaan-v1.0.0-Setup
DisableProgramGroupPage=yes
CreateUninstallRegKey=yes
Uninstallable=yes
UninstallFilesDir={app}\uninst
UninstallDisplayIcon={app}\PerpustakaanAppMVC.exe,0
UninstallDisplayName=Sistem Informasi Perpustakaan

[Tasks]
Name: desktopicon; Description: {cm:CreateDesktopIcon}; GroupDescription: {cm:AdditionalIcons}; Flags: unch

[Files]
Source: PerpustakaanAppMVC.exe; DestDir: {app}; Flags: ignoreversion
Source: PerpustakaanAppMVC.exe.config; DestDir: {app}; Flags: ignoreversion
Source: Database\DbPerpustakaan.mdb; DestDir: {app}\Database; Flags: ignoreversion

[Icons]
Name: {group}\Sistem Informasi Perpustakaan; Filename: {app}\PerpustakaanAppMVC.exe; WorkingDir: {app}
Name: {userdesktop}\Sistem Informasi Perpustakaan; Filename: {app}\PerpustakaanAppMVC.exe; WorkingDir: {app}
```

Keys

Values

Demo Membuat Paket Instalasi

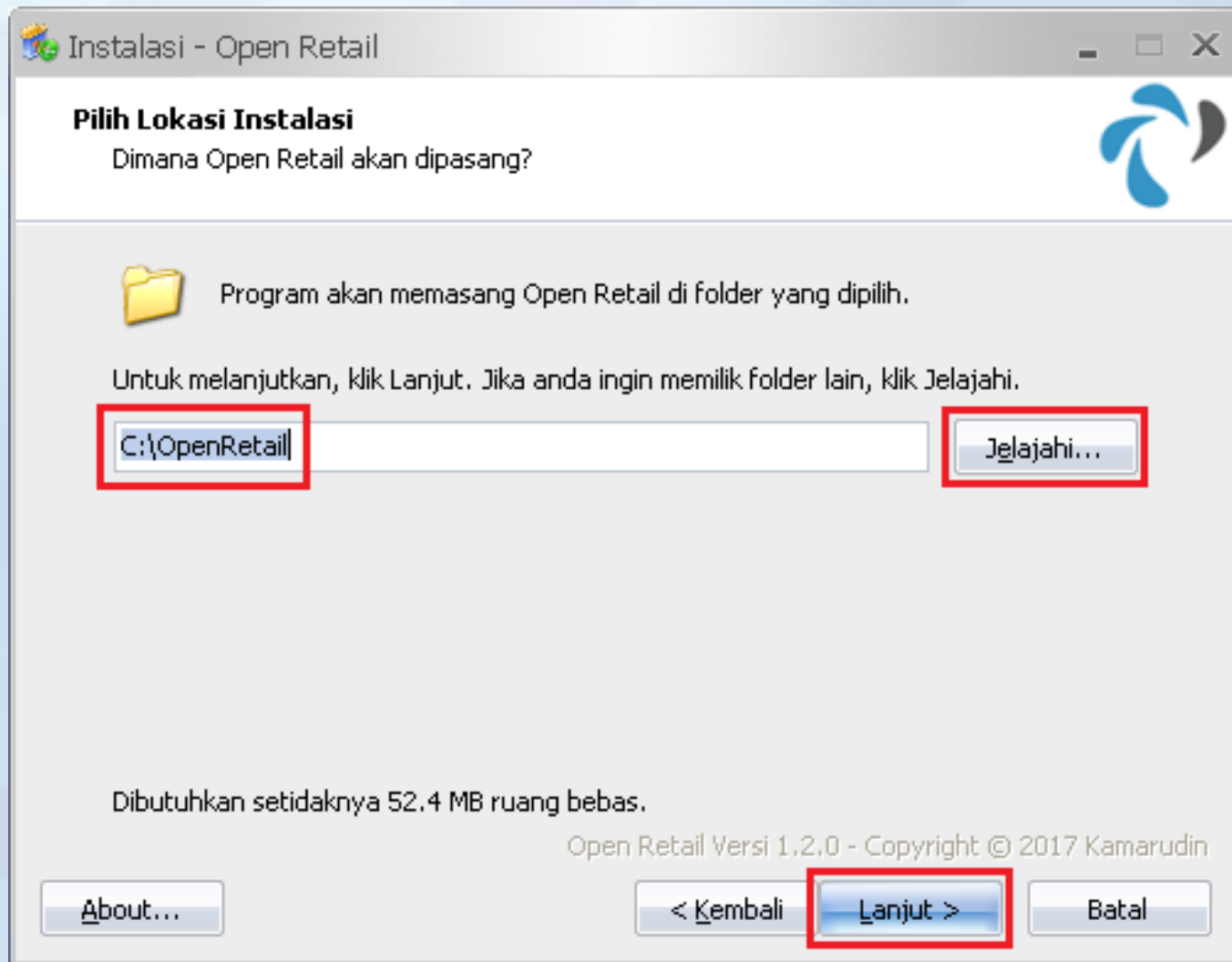


- Menggunakan Inno Setup

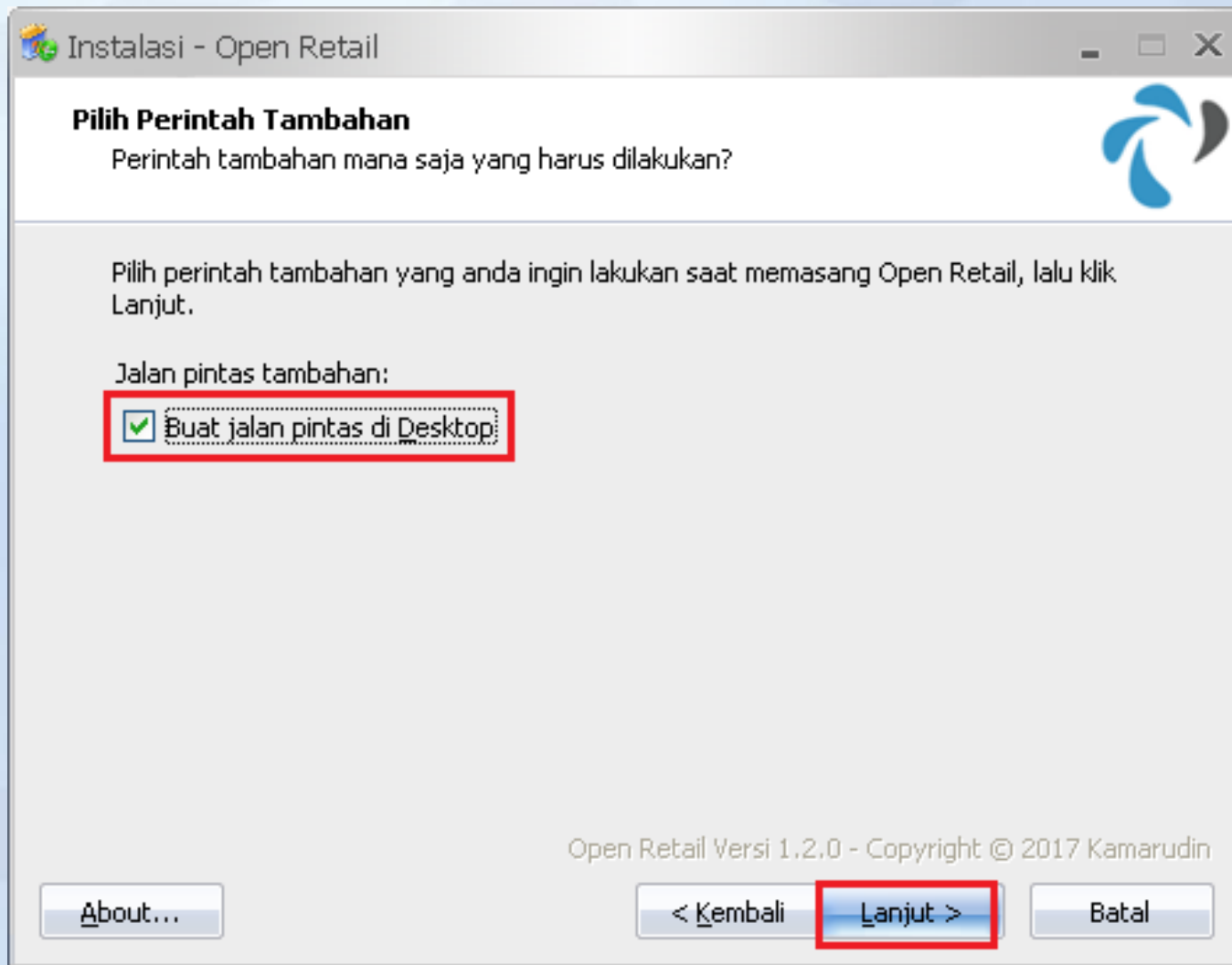
Contoh Screenshot



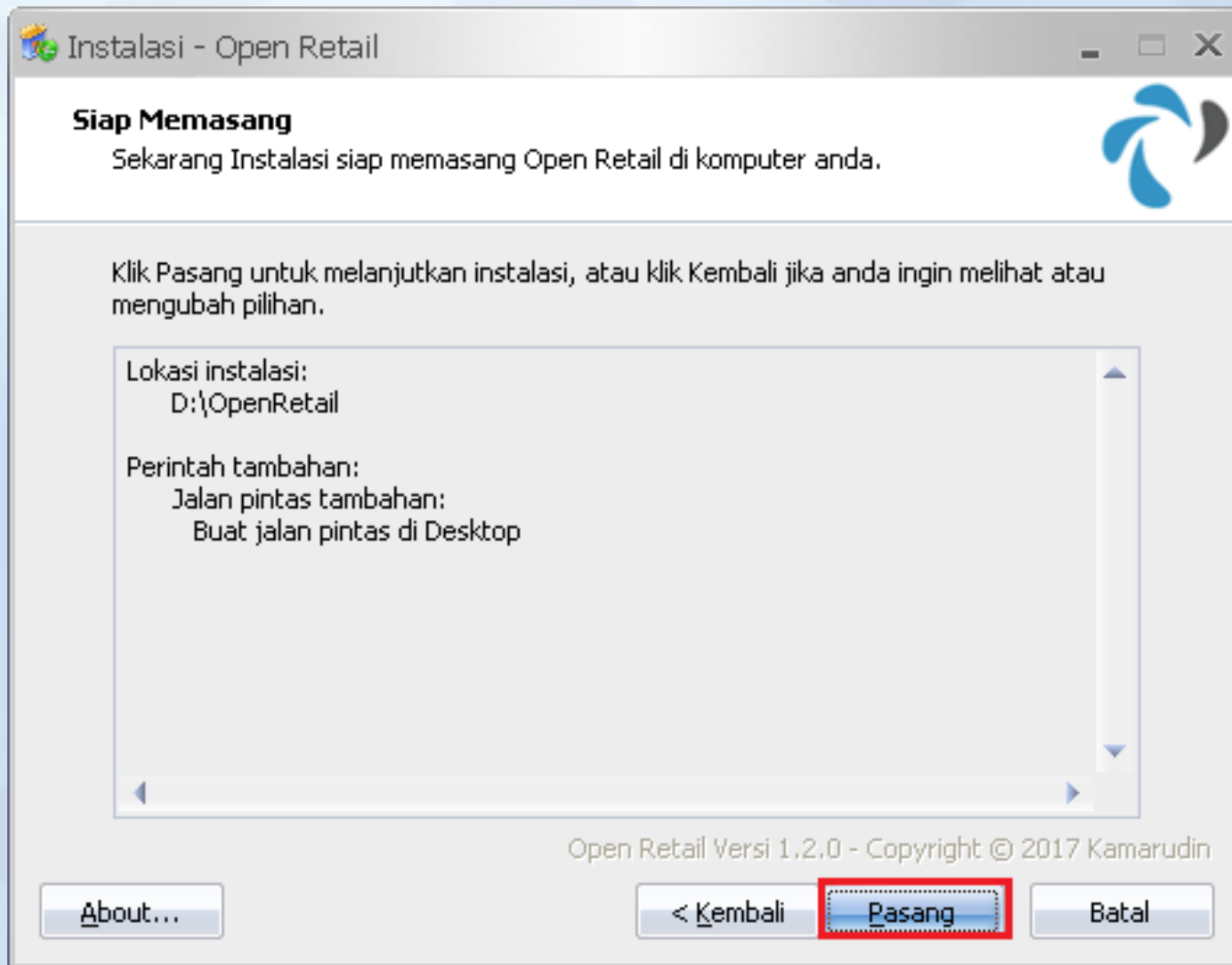
Contoh Screenshot



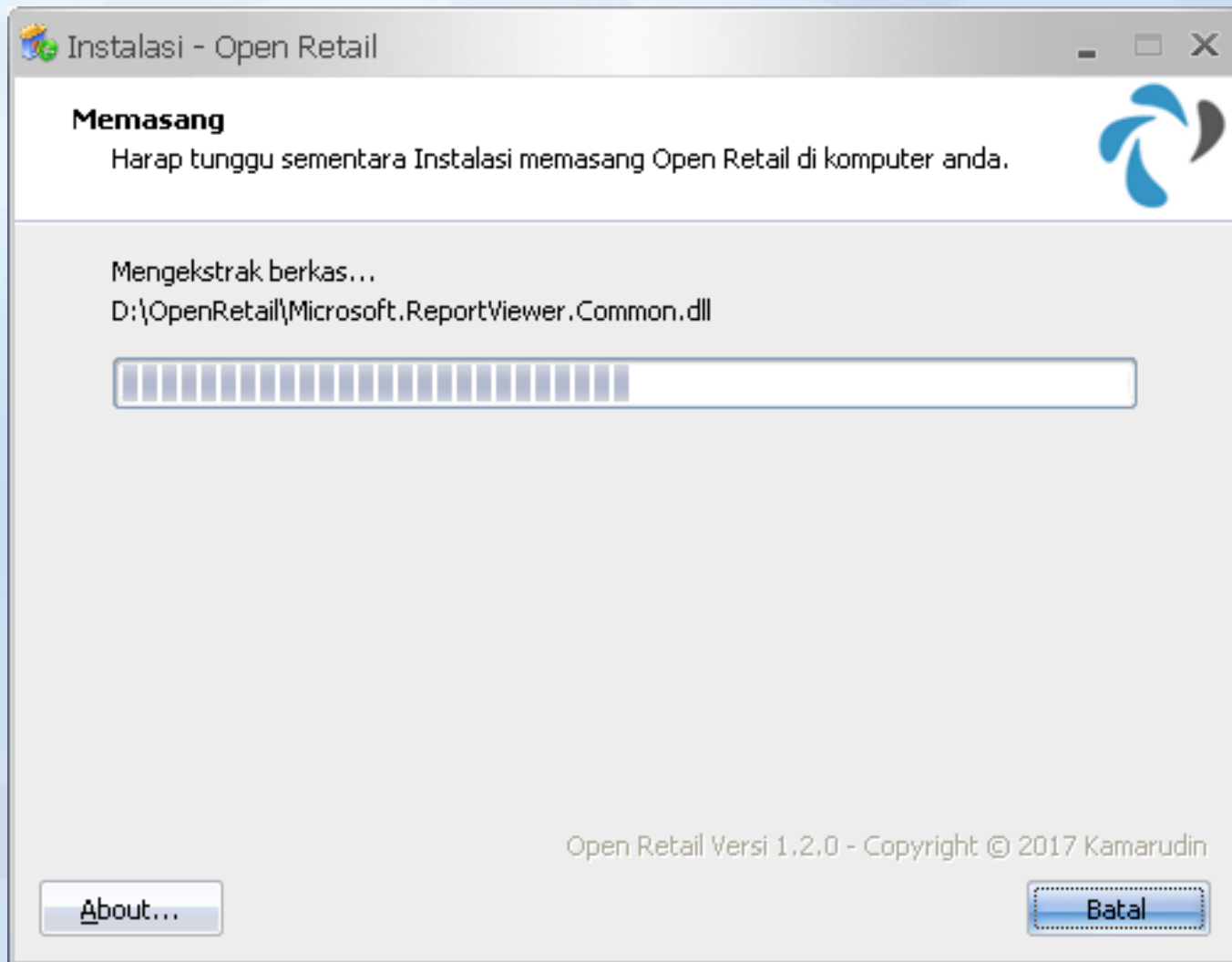
Contoh Screenshot



Contoh Screenshot



Contoh Screenshot



Contoh Screenshot

