

#FiqueEmCasaUse
debian



debian

Empacotamento de Software no

debian

João Eriberto Mota Filho
Brasília, DF, 06 maio 2020



Empacotamento de Software no Debian

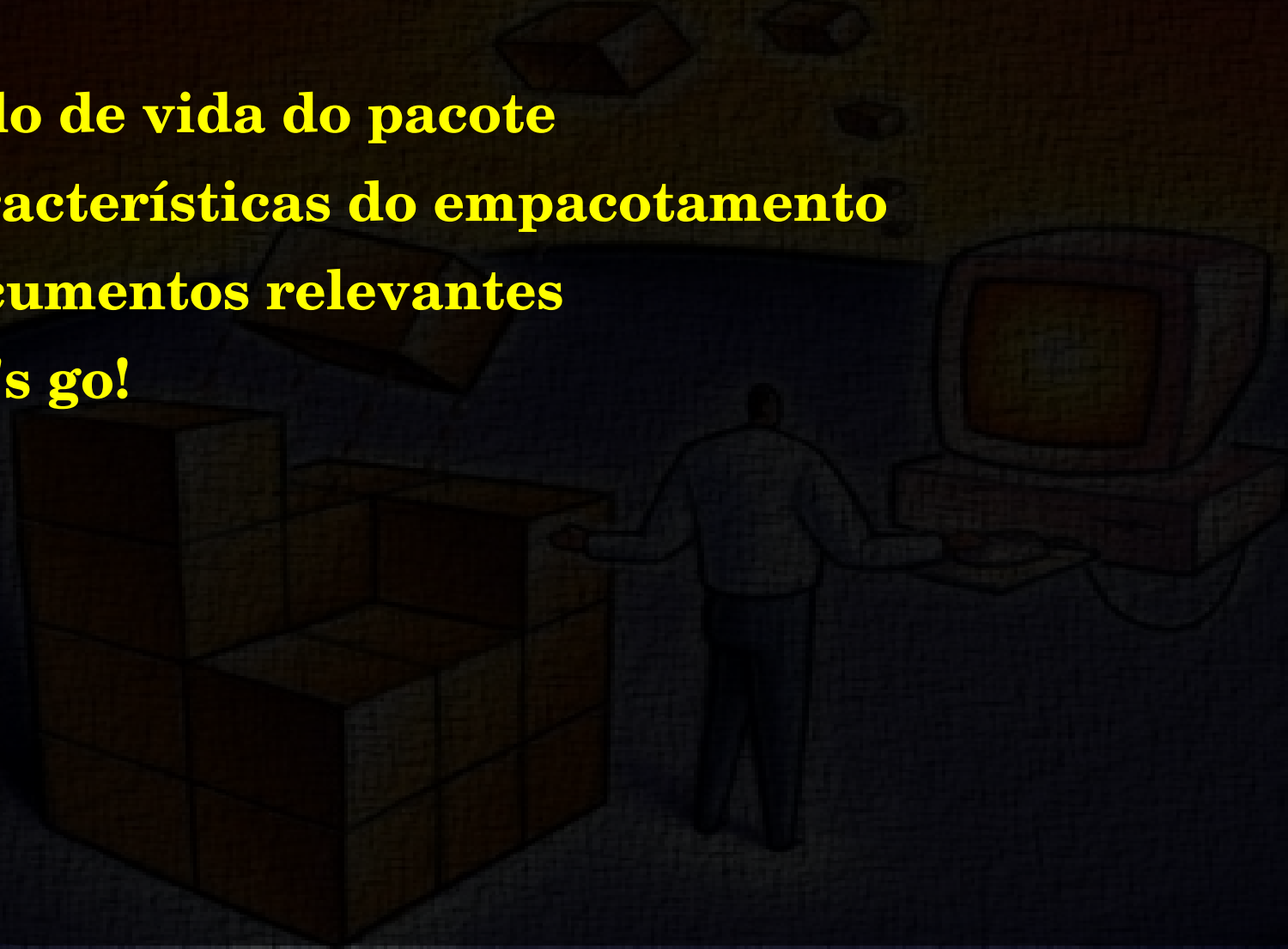
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Let's go!



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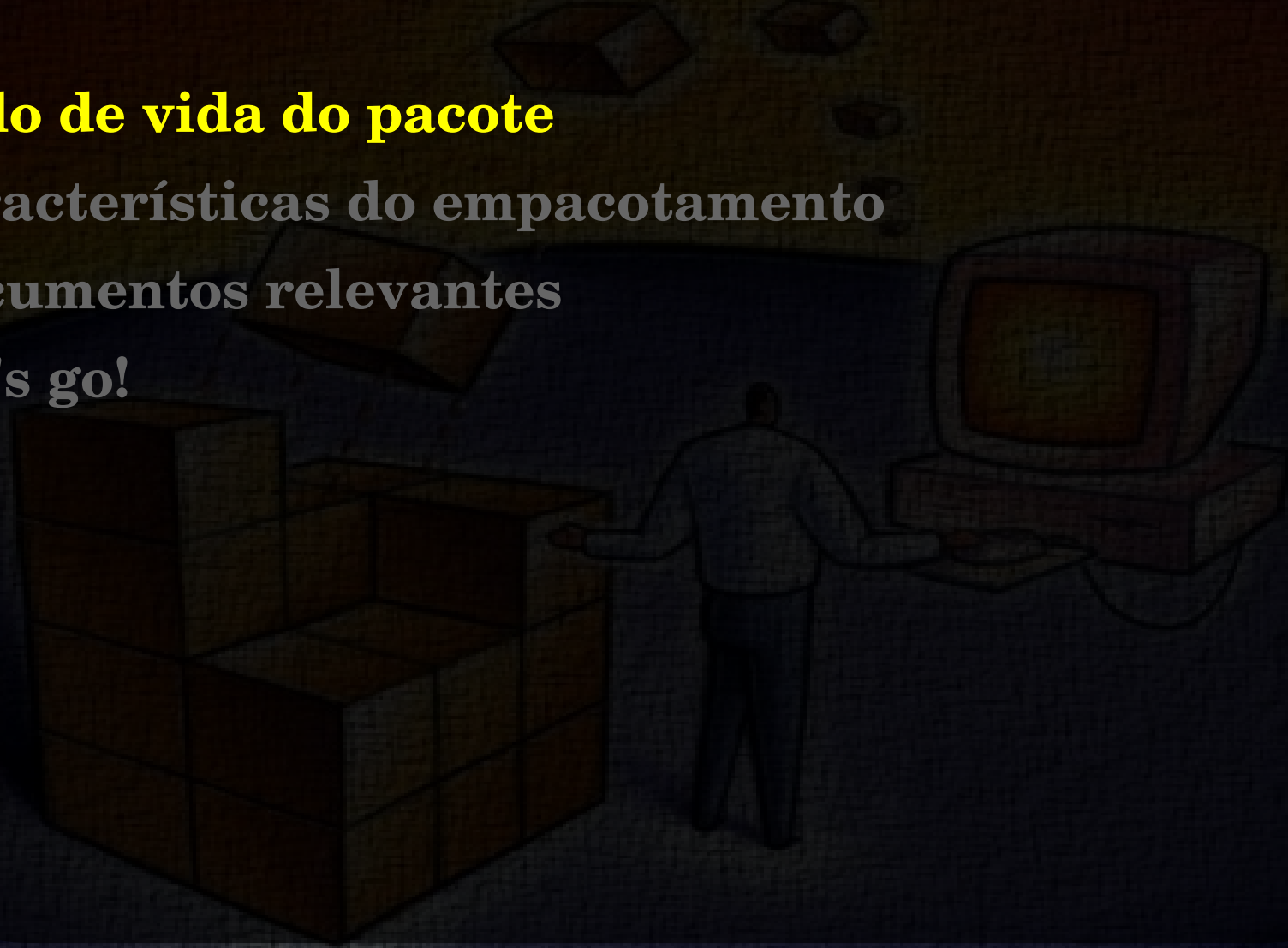
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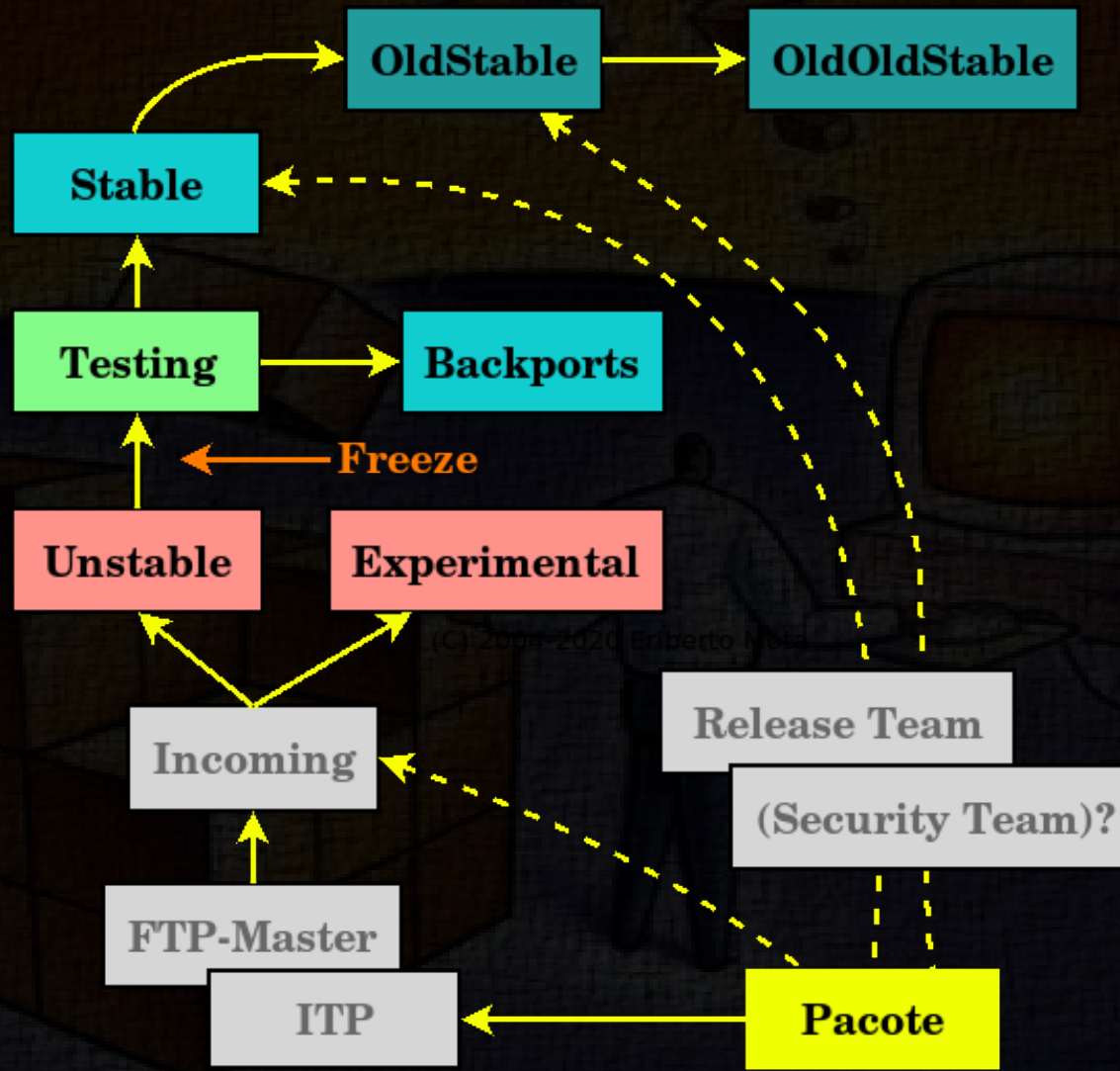
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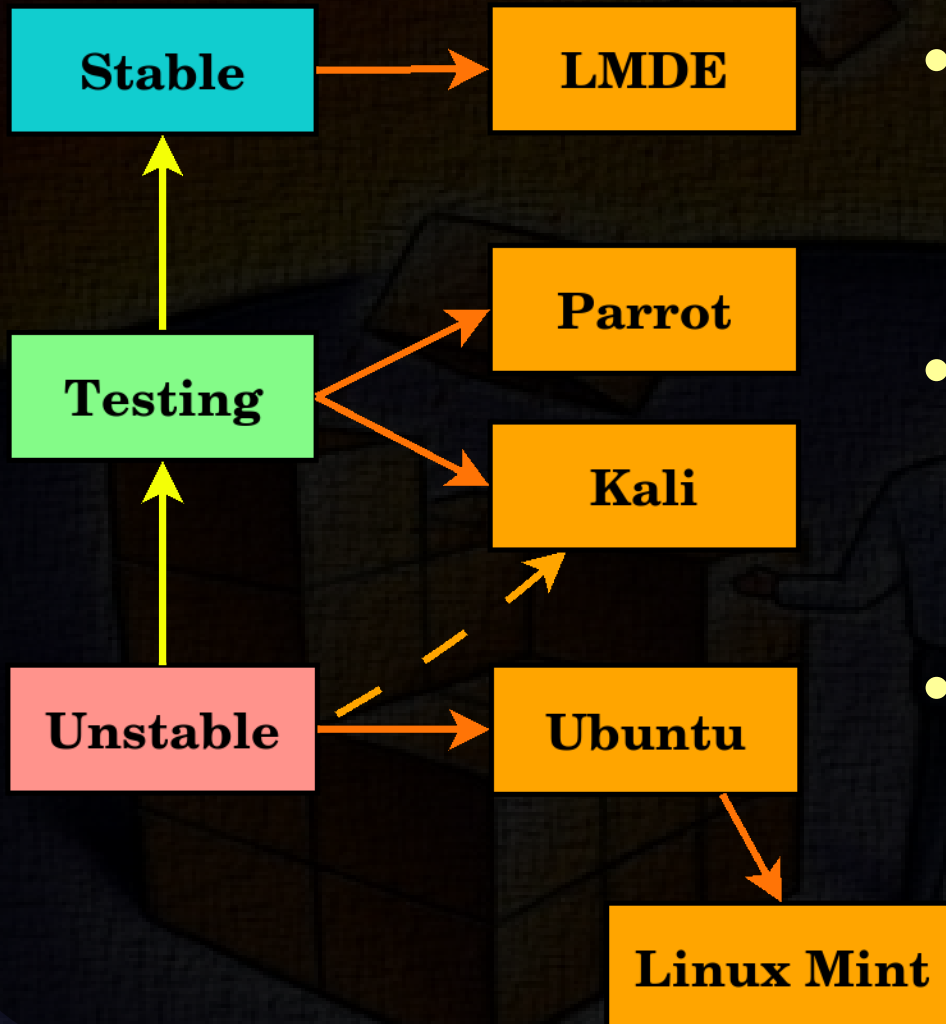
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Ciclo de vida do pacote



Empacotamento de Software no Debian

Ciclo de vida do pacote



- Existem hoje (06-05-2020) 250 distribuições Linux no mundo.
- 121 distribuições diretamente derivadas de Debian.
- Fonte: DistroWatch.

Ciclo de vida do pacote























**O trabalho feito pelo
Debian atinge dezenas
de distribuições!**

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Package(s): Suite:

Compact mode Co-maintainers

Architecture	Version	Status	For	Buildid	State	Section	Logs
<i>all is not present in the architecture list set by the maintainer</i>							
 amd64	0.19-1	Installed	11d 19h 10m	x86-conova-01		utils	old all (1)
 arm64	0.19-1	Installed	11d 19h 10m	arm-conova-01		utils	old all (1)
 armel	0.19-1	Installed	11d 19h 10m	arm-ubc-05		utils	old all (1)
 armhf	0.19-1	Installed	11d 19h 10m	hoiby		utils	old all (1)
 i386	0.19-1	Installed	11d 19h 21m	x86-grnet-01		utils	old all (1)
 mips64el	0.19-1	Installed	11d 18h 44m	mipsel-aql-03		utils	old all (1)
 mipsel	0.19-1	Installed	11d 19h 10m	mipsel-osuosl-02		utils	old all (1)
 ppc64el	0.19-1	Installed	11d 19h 10m	ppc64el-osuosl-01		utils	old all (1)
 s390x	0.19-1	Installed	11d 19h 21m	zani		utils	old all (1)
 alpha	0.19-1	Installed	11d 18h 35m	electro		utils	old all (1)
 hppa	0.19-1	Installed	11d 18h 55m	mx3210		utils	old all (1)
 hurd-i386	0.19-1	Installed	11d 19h 5m	ironforge		utils	old all (1)
 ia64	0.19-1	Installed	11d 18h 55m	titanium2		utils	old all (1)
 kfreebsd-amd64	0.19-1	Installed	11d 18h 55m	kamp		utils	old all (1)
 kfreebsd-i386	0.19-1	Installed	11d 18h 53m	kamp		utils	old all (1)
 m68k	0.19-1	Installed	11d 18h 55m	m68k-do-02		utils	old all (1)
 powerpc	0.19-1	Installed	11d 18h 53m	kapitsa		utils	old all (1)
 ppc64	0.19-1	Installed	11d 18h 53m	blaauw2		utils	old all (1)
 riscv64	0.19-1	Installed	11d 18h 25m	rv-mullvad-01		utils	old all (1)
 sh4	0.19-1	Installed	11d 18h 55m	vs97		utils	old all (1)
 sparc64	0.19-1	Installed	11d 18h 55m	nvg5120b		utils	old all (1)
 x32	0.19-1	Installed	11d 18h 53m	x32-do-01		utils	old all (1)

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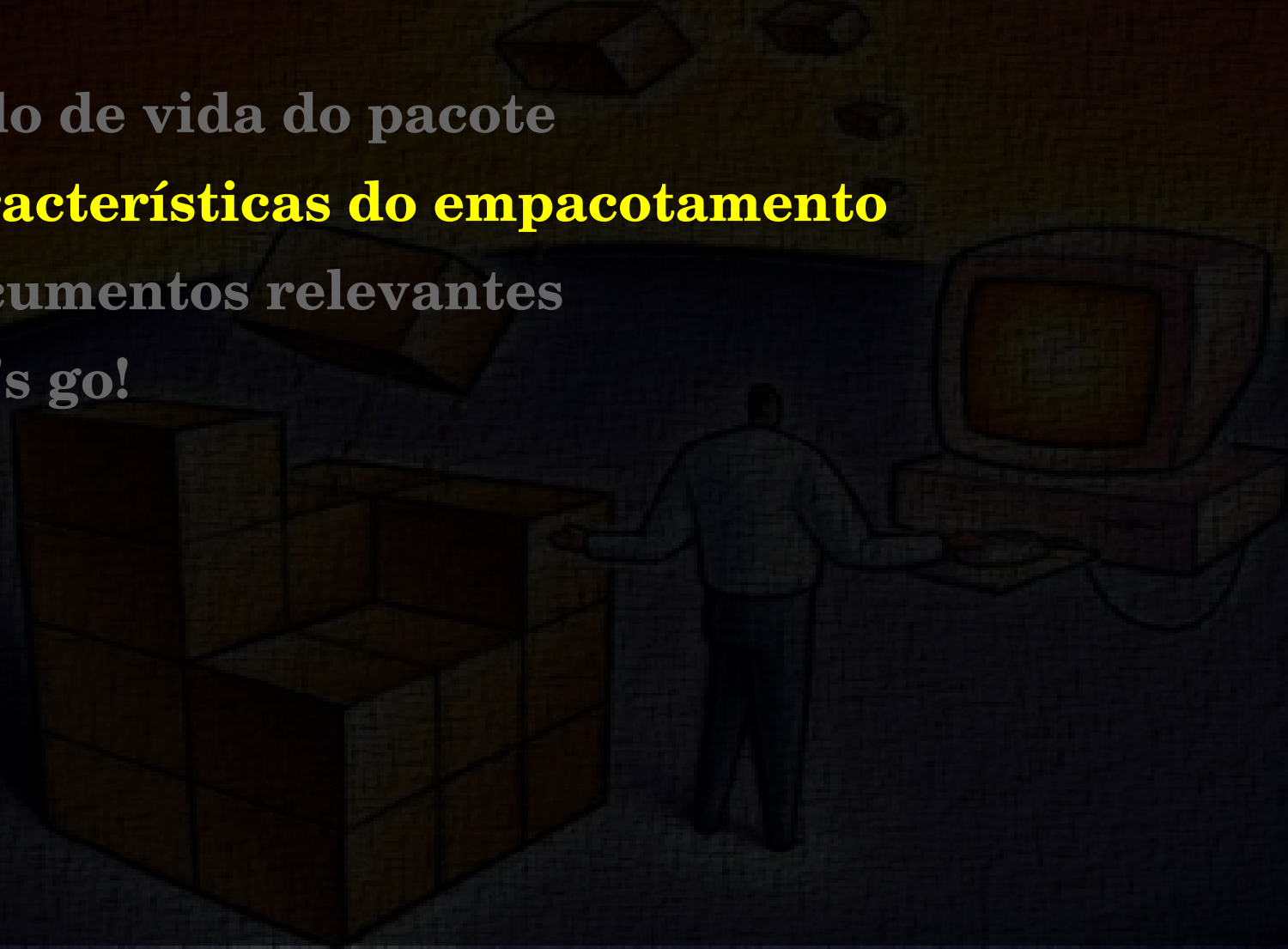
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Let's go!



Empacotamento de Software no Debian

Características do empacotamento

- ◆ **Trabalho executado sobre o código-fonte.**
- ◆ **Preservação do código-fonte do autor (upstream).**
- ◆ **Geralmente, enviado para a release unstable.
(feito diretamente no Sid ou com enjaulamento)**
- ◆ **Processo constantemente monitorado por
ferramentas de busca de erros.**
- ◆ **Verificação do empacotamento por múltiplas
pessoas e equipes.**

Empacotamento de Software no Debian

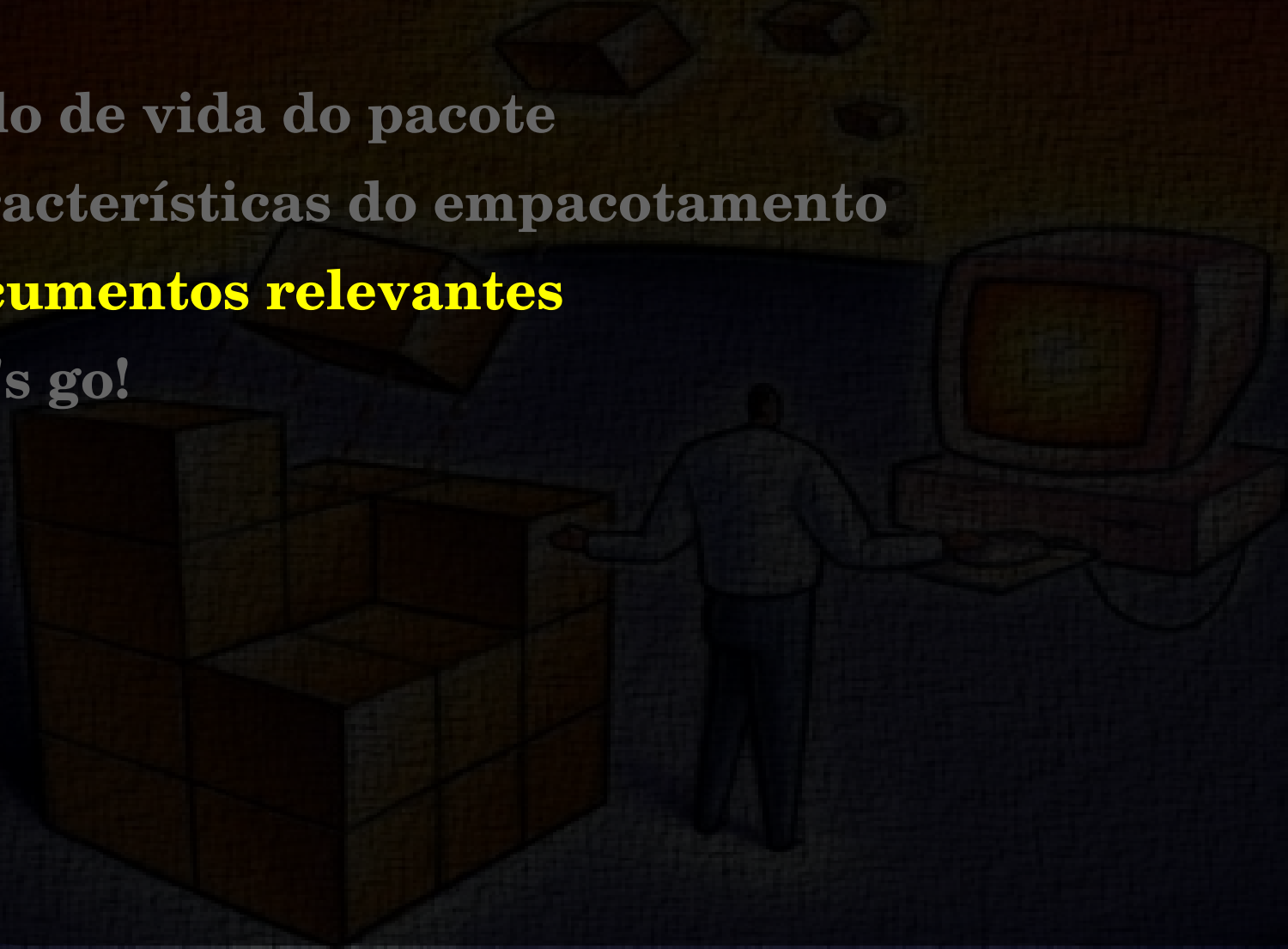
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Básicos iniciais:

- ◆ **Guia dos Novos Mantenedores [1]**
- ◆ **Guia de Empacotamento de Software no Debian [2]**
- ◆ **Videoaulas sobre empacotamento no Debian [2]**

[1] <https://debian.org/devel>

[2] <http://debianet.com.br>

Empacotamento de Software no Debian

Documentos relevantes

Complementares:

- ◆ **Política Debian [1]**
- ◆ **Referência dos Desenvolvedores [1]**
- ◆ **Filesystem Hierarchy Standard (FHS) [1]**
- ◆ **Debian Free Software Guidelines (DFSG) [3]**

[1] <https://debian.org/devel>

[3] https://debian.org/social_contract

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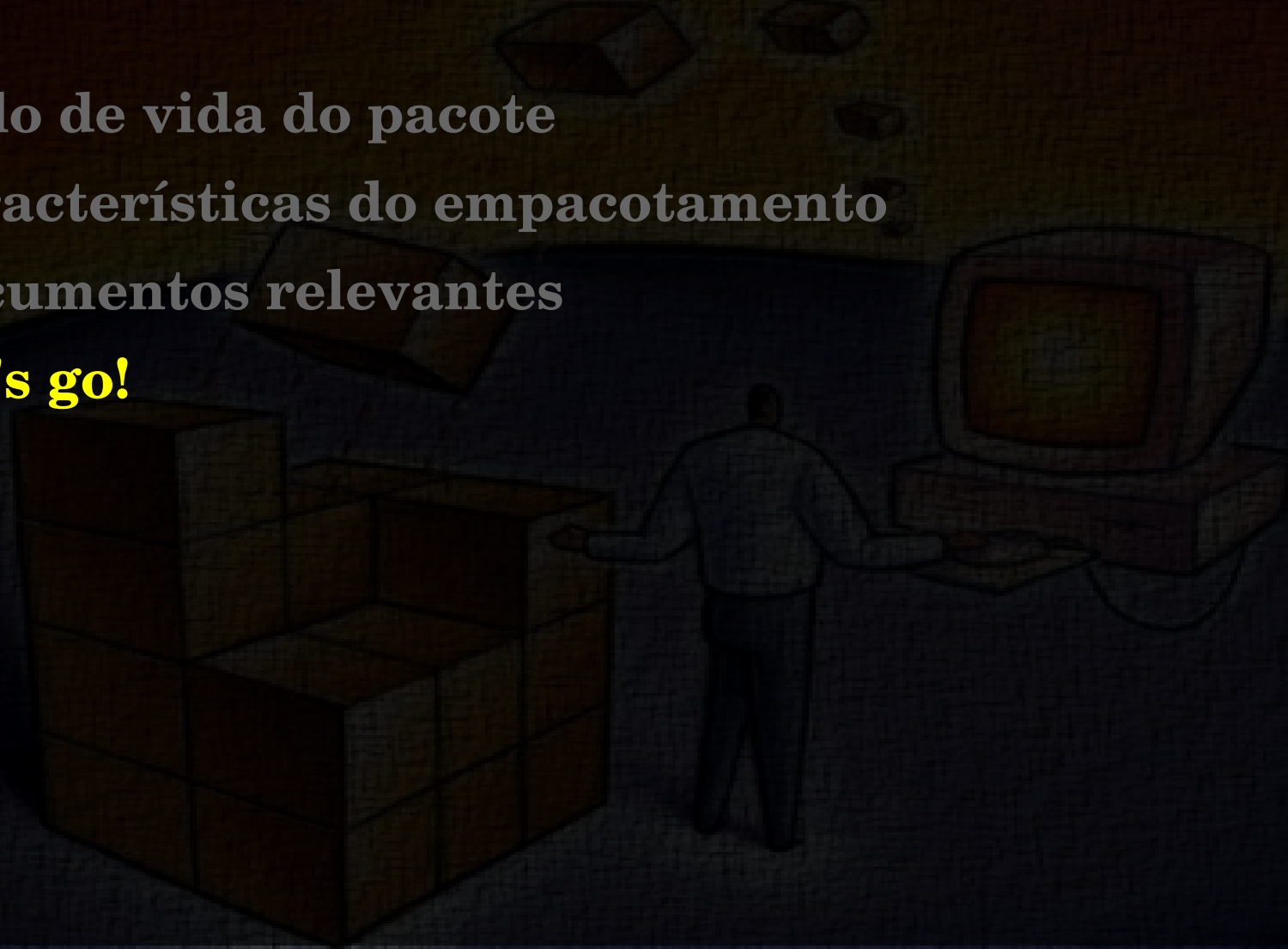
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- ◆ **Demonstração prática.**

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