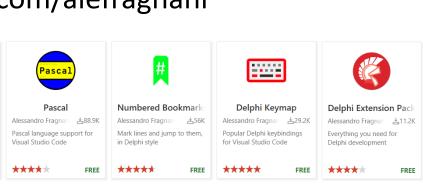




Quem sou eu?



- +20 anos de experiência
- Softplan Suporte Interno UNJ
- Open Source
 - +5 anos
 - Delphi, Sublime, Atom e Visual Studio Co
 - Delphi, Python, JS, CS e TypeScript
 - github.com/alefragnani







Alessandro Fragnani

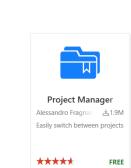
alefragnani

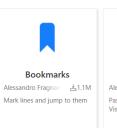
I'm a software engineer and Open Source contributor for Delphi, Visual Studio Code and Atom



Edit bio

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- □ alefragnani@hotmail.com
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- Onde estamos?
- Automação de Build
- Integração Contínua
- Demo



Onde estamos?

- Qual o tamanho dos seus projetos?
 - Sistemas
 - Frameworks
 - Componentes de Terceiros
 - Pacotes / Units / LOC
- Como você instala e compila esses projetos nas máquinas de desenvolvedores?

January 2nd



Mika Koistinen 7:50 AM

Does anyone know any good methods how to install delphi + several (too many 3rd party components 😓) to several developer computer at "once" and keep them updated. I once did image but now we have to install berlin + license upgrade at it seems to be very hard to boys to handle ...



- Muitos componentes (DevExpress, JCL, JVCL)
- Separação em Frameworks
- Diversos Sistemas
- Centena de Pacotes/Projetos
- Milhares de PAS
- Milhões de LOC



Onde estamos?

January 2nd



Mika Koistinen 7:50 AM

Does anyone know any good methods how to install delphi + several (too many 3rd party components 😓) to several developer computer at "once" and keep them updated. I once did image but now we have to install berlin + license upgrade at it seems to be very hard to boys to handle ...



Robert Love 10:46 PM

We have all our third party controls in version control.



Then we have a single script that we run that compiles and builds them all on each developers machine.

We used FinalBuilder for the script.

We have 10 developers

At this works well to get us all configured in a like manner. We have been working on a binary caching system as well to each developer does not need to compiler all the packages on the ones that they are changing.

But that is quite a bit away from sharing publicly but we will most likely do it at some point. (edited)

- our Build script also reads if a package is design time or not, and if it is installs it into the IDE..



Automação de Build

The process of automating the creation of a software build and the associated processes including: compiling computer source code into binary code, packaging binary code and running automated tests.













Automação de Build

Algumas tarefas que podem ser automatizadas

Ler configurações

Interagir com CVS

Gerar Métricas de Código

Executar BAT/PS

COMPILAR

Executar Testes Unitários

Ler/Escrever no Registro do Windows

Copiar Recursos

Armazenar Artefatos





- Minimiza tarefas repetitivas
- Agiliza a mudança de contexto
- Evita a frase "na minha máquina funciona"
- Seja um Pragmatic Programmer
 - 21 Use the Power of Command Shells
 - Use the shell when graphical user interfaces don't cut it
 - 61 Don't Use Manual Procedures
 - A shell script or batch file will execute the same instructions, in the same order, time after time



The practice of merging all developer working copies to a shared mainline several times a day.

... A continuous integration server is a type of build automation server.













Algumas tarefas que podem ser automatizadas

Baixar fontes do VCS

Atualizar Labels VCS

Publicar Testes Unitários

Enviar Email

Executar a Compilação

Arquivar Artefatos

Publicar Métricas de Código



Demo

Delphi Community



- Uma aplicação e seus testes automatizados
- Como você sabe a qualidade dos seus testes?
 - Cobertura de Código
- FinalBuilder
- Train
- Gulp
- Jenkins





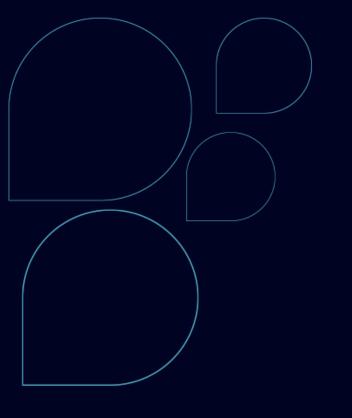




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Embarcadero

Conference



SEJA UM #SOFTPLAYER





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