Continuous Delivery: Building Trust in a Large-scale, Complex Government Organization

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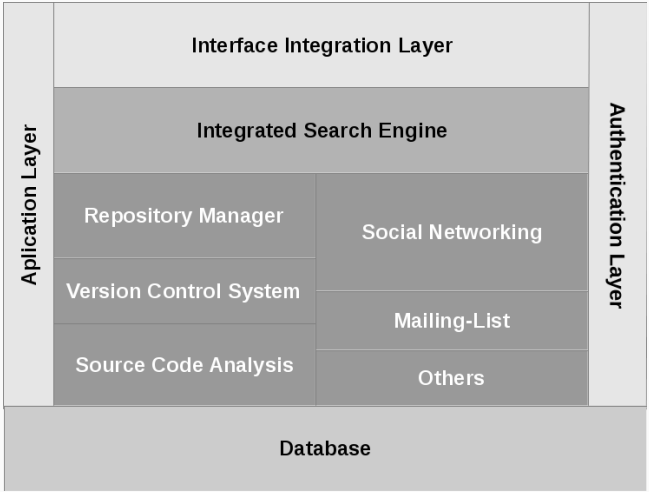
Introduction

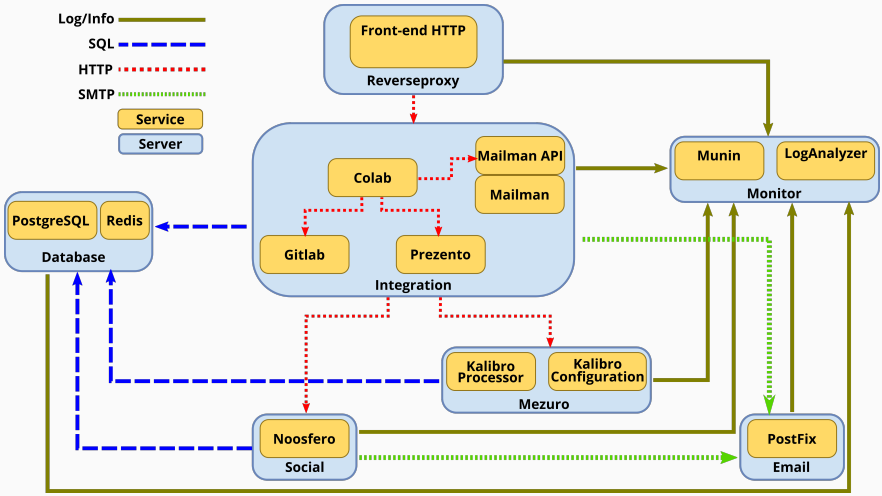
SPB Portal

Ir para o conteúdo 1 Ir para o menu 2 Ir para a busca 3 Ir para o rodapé 4
ACESSIBILIDADE ALTO CONTRASTE MAPA DO SITE
Portal do
Software Público Brasileiro
MINISTÉRIO DO PLANEJAMENTO, DESENVOLVIMENTO E GESTÃO
Buscar no portal
Listas de discussão Desenvolvimento Social Perguntas frequentes Contato
Catálogo de Software
Comunidades
Ajuda
Termos de Uso
SOFTWARE PÚBLICO
Publicar um software
Para Gestores de TI
Vídeos
Publicações
Prêmio ação
Catálogo de Software
e.g: cacic, e-cidade, gsan, etc
PROCURAR
ACESSAR O CATÁLOGO COMPLETO
Em destaque
citsmart - ITSM
GEPLANES
COCAR
O que é o Software Público
O Software Público Brasileiro é um tipo específico de software livre que atende às necessidades de modernização da administração pública de qualquer dos Poderes da União, dos Estados, do Distrito Federal e dos Municípios e é compartilhado sem ônus no Portal do Software Público Brasileiro, resultando na economia de recursos públicos e constituindo um recurso benéfico para a administração pública e para a sociedade.
LEIA MAIS
SOFTWARES DE GOVERNO

Technological Requirements



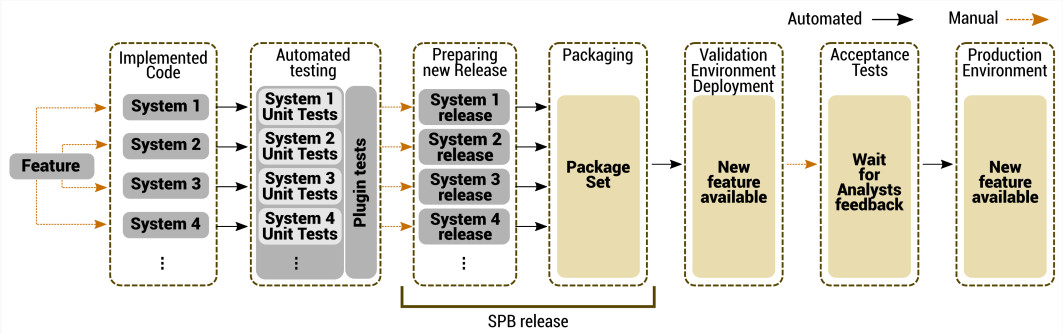
Architecture



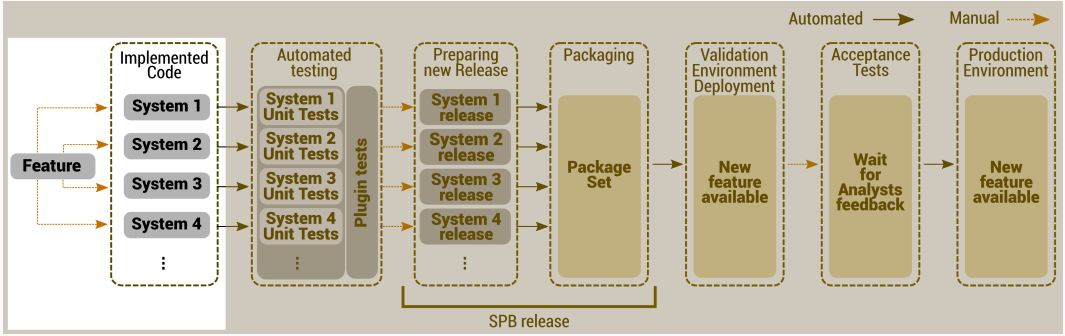
Culture Shock

Our Continuous Delivery Pipeline

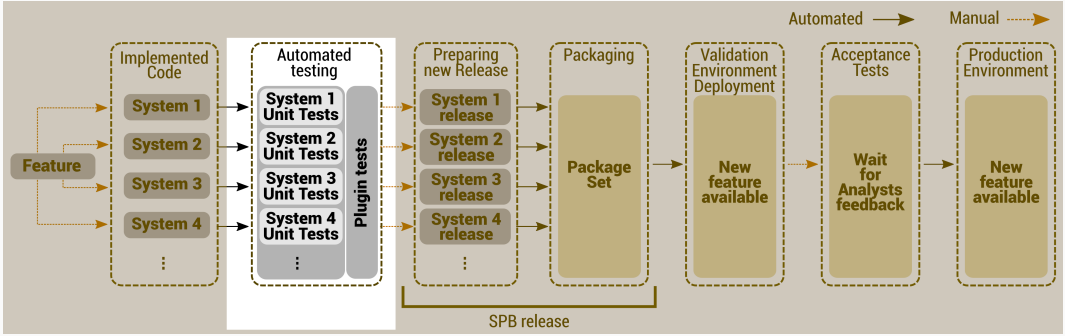
Automated Tests



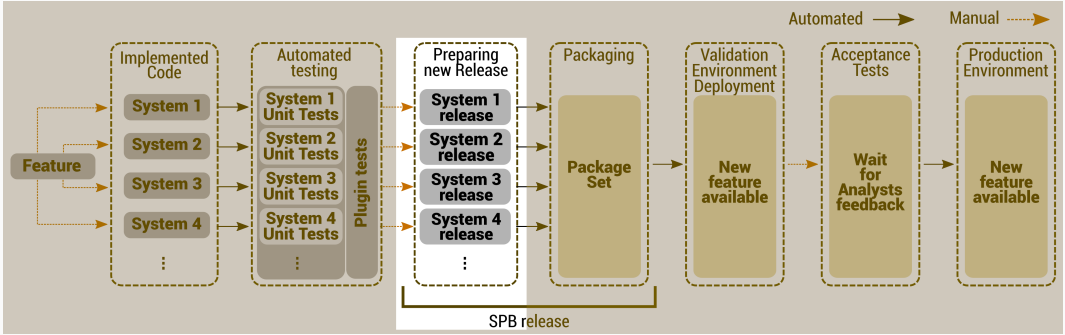
Automated Tests



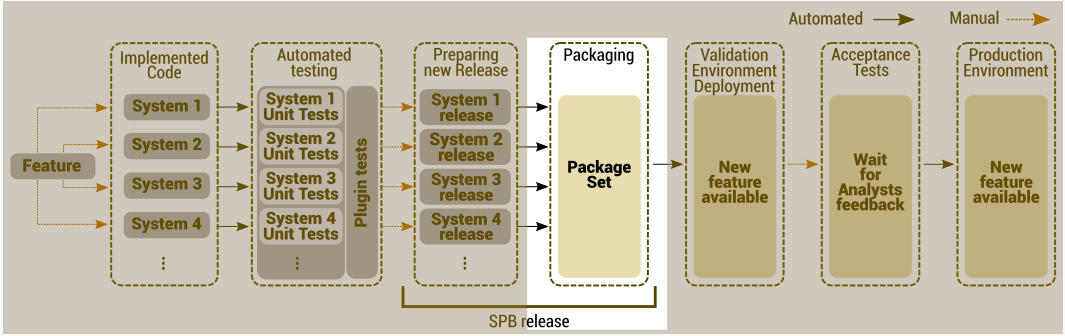
Automated Tests



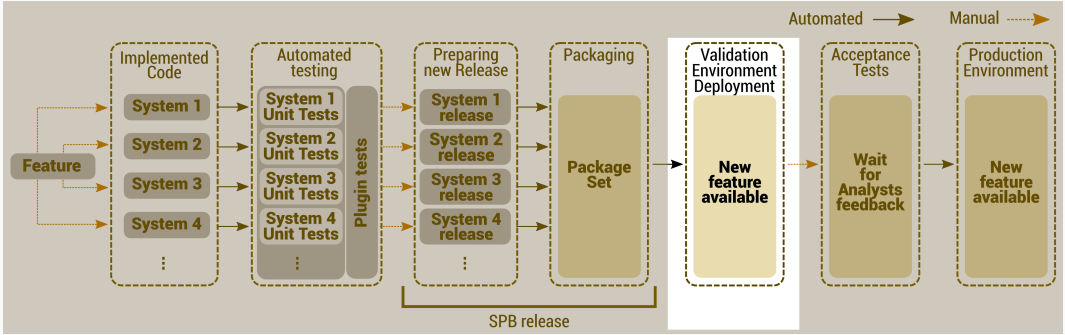
Preparing a New Release



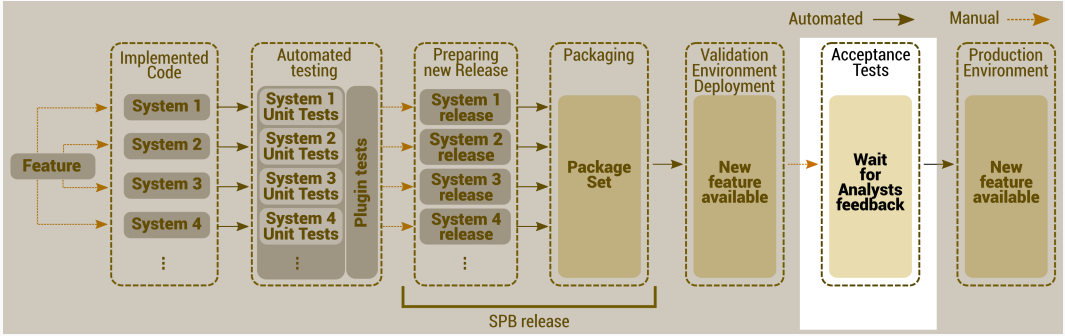
Packaging


Automated
Manual
Implemented Code
Automated testing
Preparing new Release
Packaging
Validation Environment Deployment
Acceptance Tests
Production Environment
Feature
System 1
System 2
System 3
System 4
System 1 Unit Tests
System 2 Unit Tests
System 3 Unit Tests
System 4 Unit Tests
Plugin tests
System 1 release
System 2 release
System 3 release
System 4 release
Package Set
New feature available
Wait for Analysts feedback
New feature available
SPB release

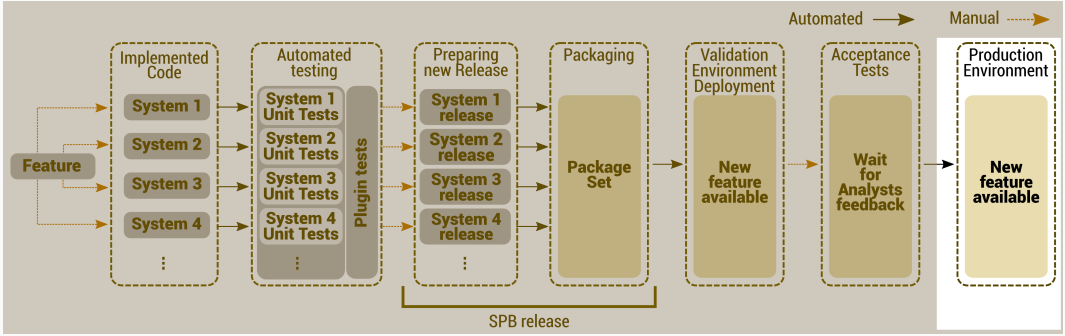
Validation Environment



Acceptance Tests

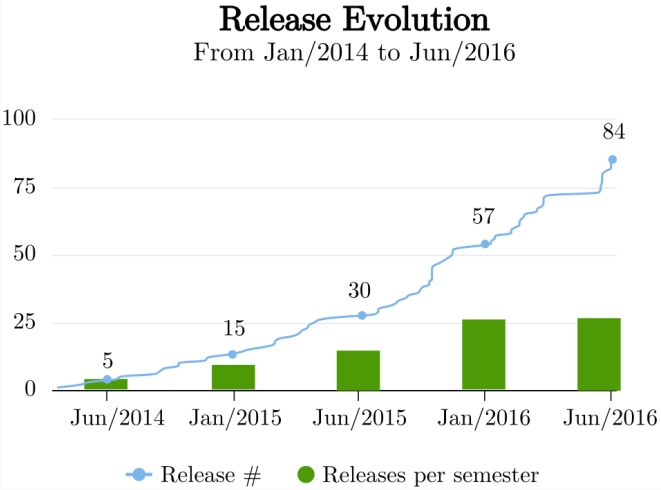


Production Environment Deployment

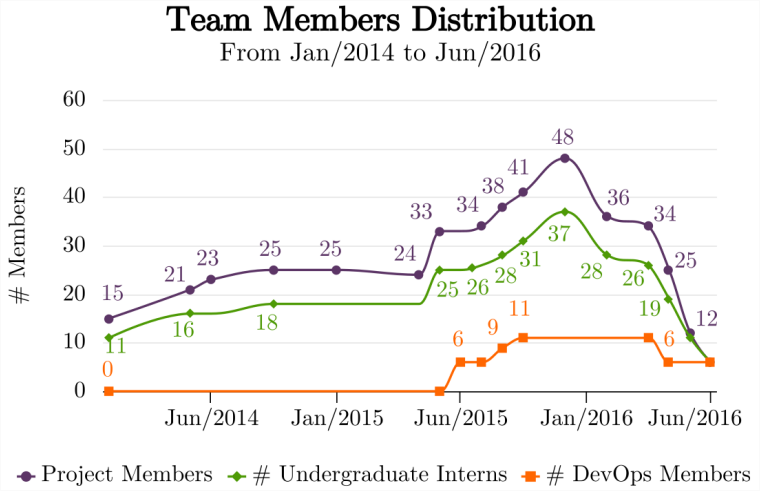


Benefits

Release Evolution



Team Members Distribution

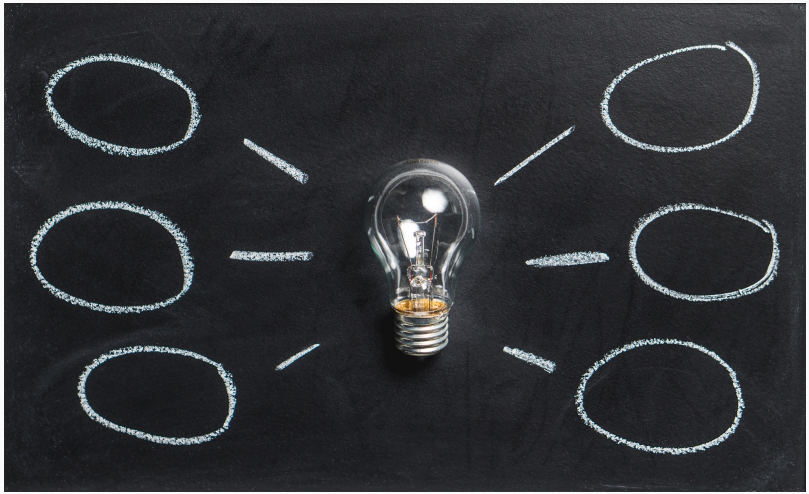


Benefits

- Strengthening Trust in the Relationship with the Government
- Responsiveness to Change
- Shared Responsibility
- Synchronization Between Government and Development

Lessons Learned

Lessons Learned



Build CD From Scratch

Lessons

- Select the most experienced senior developers and some advanced interns to work on a specific DevOps team
- Interchange team members and encourage teammates to migrate to the DevOps team

Overcoming Mistrust

Lessons

- Demonstrate actual results, instead of simply reporting them
- Make project management transparent and collaborative for government staff
- Gain the confidence of government staff

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