



DevOps em Salesforce

Muito além do Git Push

Agenda

O que é Salesforce?

Como funciona o DevOps no
~~ecossistema?~~
Deployment Lifecycle

CI/CD

ALM

Boas Práticas

Contato

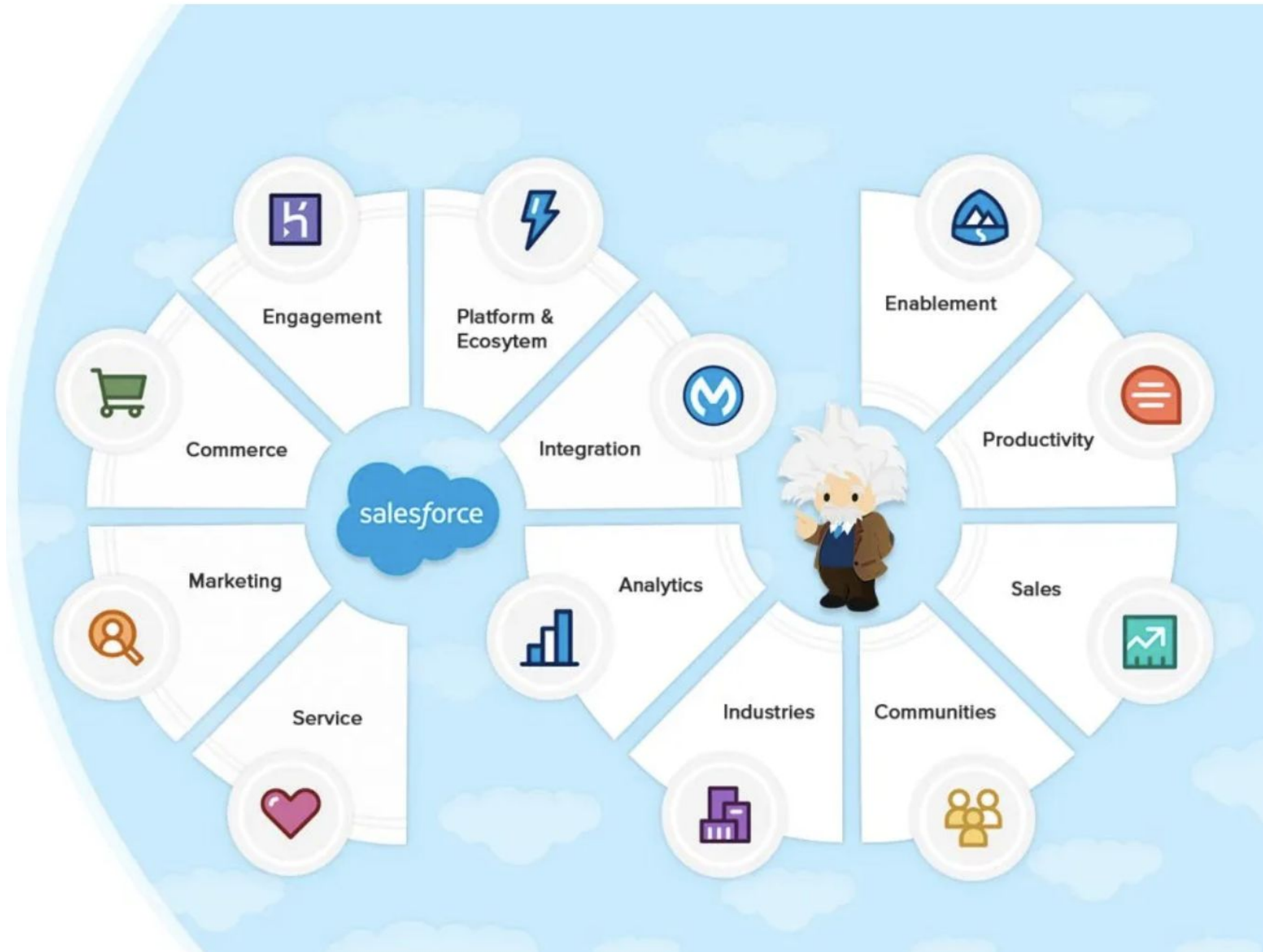
Agradecimentos

O que é Salesforce?

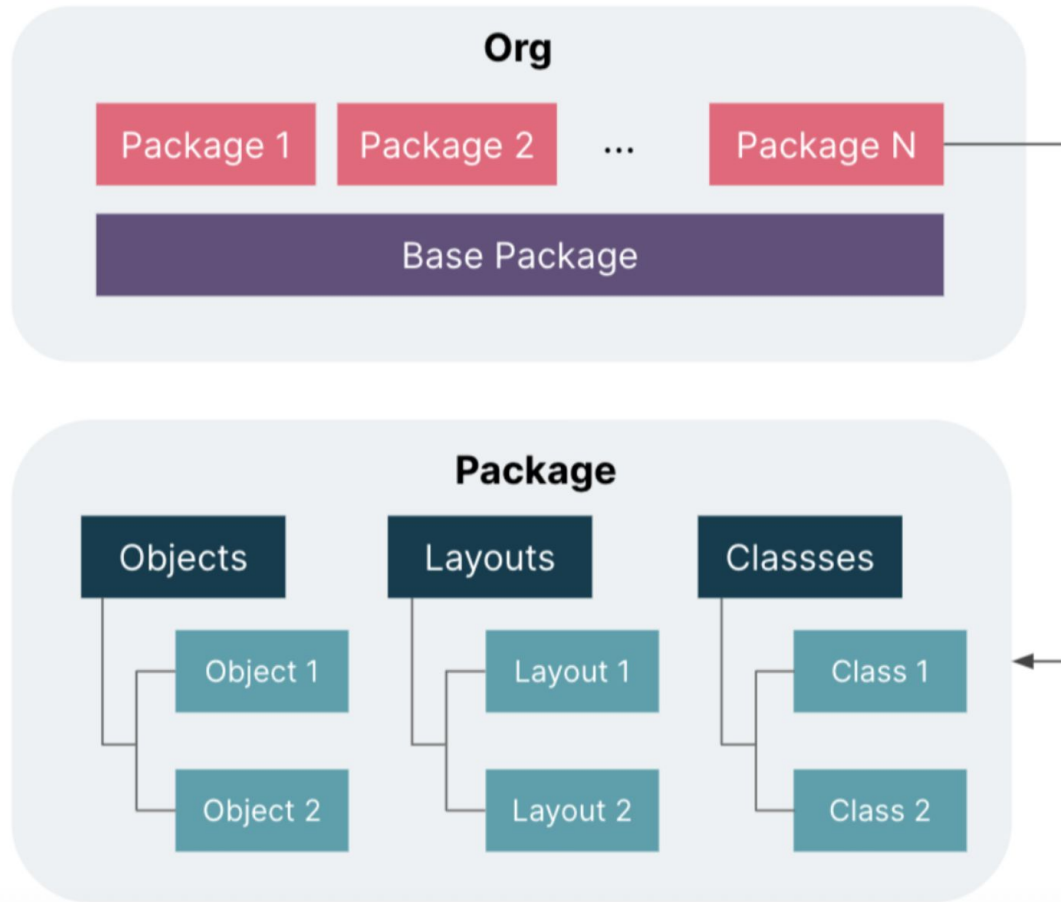
- É uma plataforma de CRM (Customer Relationship Management) baseada na nuvem cuja finalidade é atendimento ao cliente, marketing, automações tudo de forma integrada.



O que é Salesforce?



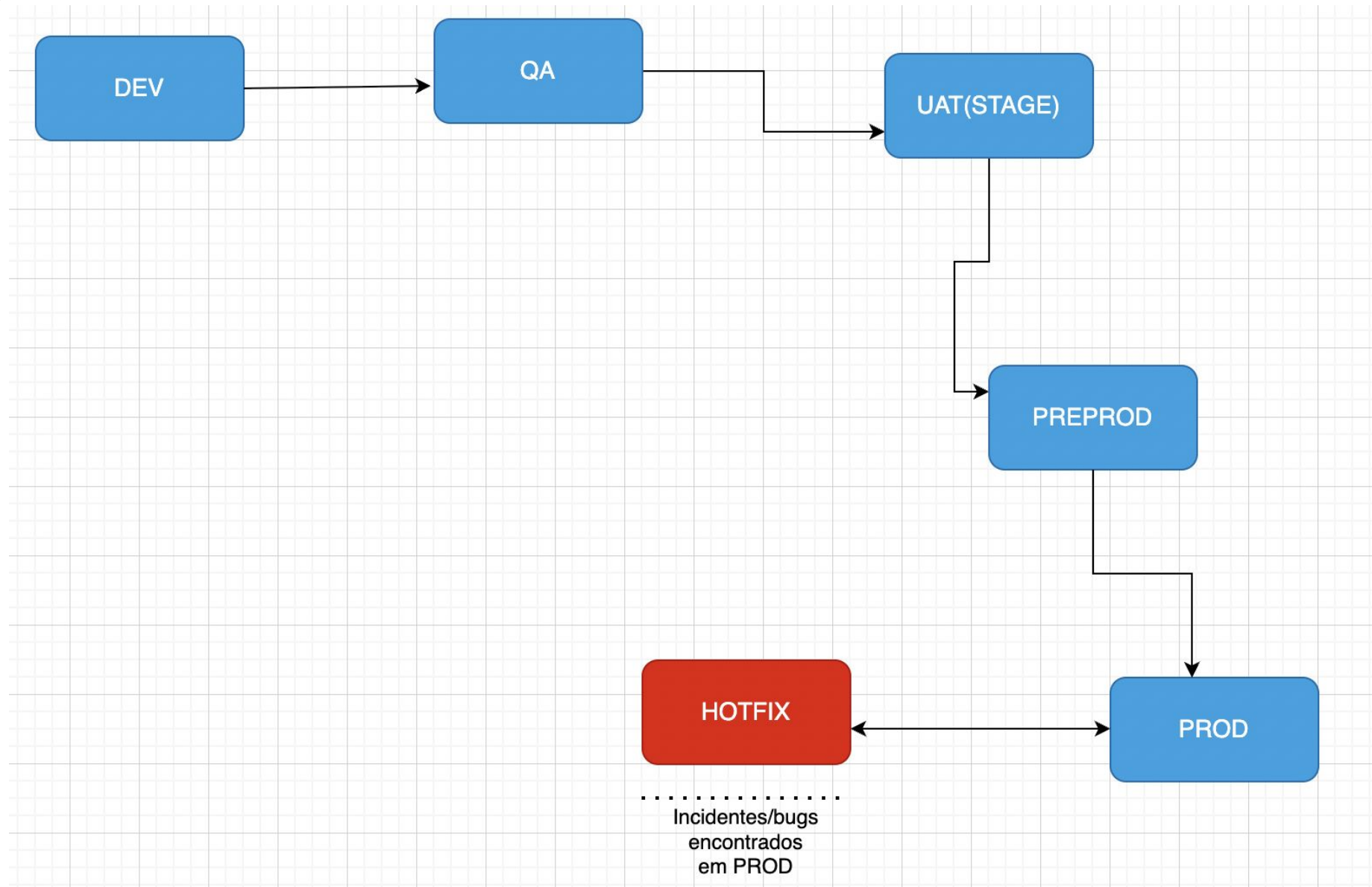
Como funciona o DevOps no ecossistema?



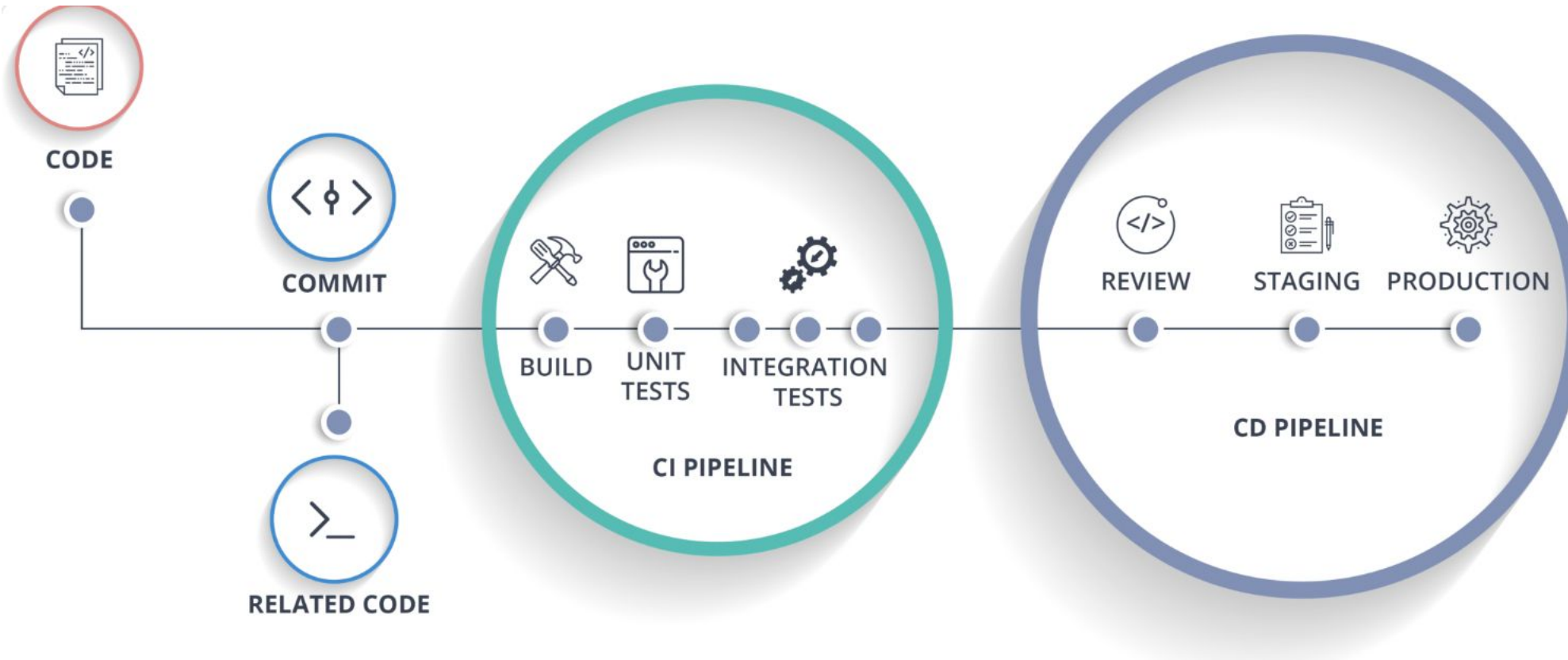
Salesforce Deployment Lifecycle – Ciclo de vida



Salesforce Deployment Lifecycle – Ciclo de vida



CI/CD



CI/CD

Summary

Jobs

run-code-analyzer

Run details

Usage

Workflow file

Salesforce Code Analyzer Results

⚠️ 211 Violation(s) Found

2 High severity violation(s)

0 Medium severity violation(s)

209 Low severity violation(s)

	Location	Rule	Message
●	force-app/main/default/classes/OMS_OrderSync.cls:2:19	pmd:MethodNamingConventions	The static method name 'LogSync' doesn't match '[a-z][a-zA-Z0-9]*'
●	force-app/main/default/classes/OMS_OrderSyncTest.cls:4:12	pmd:MethodNamingConventions	The test method name 'OMS_OrderSyncTest' doesn't match '[a-z][a-zA-Z0-9]*'
●	force-app/main/default/classes/OMS_OrderDAO.cls:22:17	pmd:ApexDoc	Missing or mismatched ApexDoc @param
●	force-app/main/default/classes/OMS_OrderDAO.cls:23:12	pmd:ApexCRUDViolation	Validate CRUD permission before SOQL/DML operation or enforce user mode
●	force-app/main/default/classes/OMS_OrderDAO.cls:69:19	pmd:ApexDoc	Missing or mismatched ApexDoc @param
●	force-app/main/default/classes/OMS_OrderDAO.cls:70:34	pmd:ApexCRUDViolation	Validate CRUD permission before SOQL/DML operation or enforce user mode
●	force-app/main/default/classes/OMS_OrderDAO.cls:90:35	pmd:IfElseStmtsMustUseBraces	Avoid using if...else statements without curly braces
●	force-app/main/default/classes/OMS_OrderDAO.cls:90:35	pmd:IfStmtsMustUseBraces	Avoid using if statements without curly braces
●	force-app/main/default/classes/OMS_OrderDAO.cls:92:34	pmd:ApexCRUDViolation	Validate CRUD permission before SOQL/DML operation or enforce user mode

CI/CD

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Salesforce Code Analyzer Results

⚠️ 61 Violation(s) Found

0 High severity violation(s)

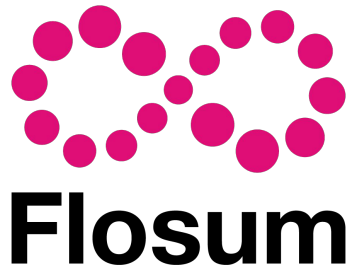
0 Medium severity violation(s)

61 Low severity violation(s)

	Location	Rule	Message
●	force-app/main/default/classes/ActivateEvtResultTriggerHandler.cls:18:28	pmd:CognitiveComplexity	The class 'ActivateEvtResultTriggerHandler' has a total cognitive complexity of 87 (highest 78), current threshold is 50
●	force-app/main/default/classes/ActivateEvtResultTriggerHandler.cls:18:28	pmd:CyclomaticComplexity	The class 'ActivateEvtResultTriggerHandler' has a total cyclomatic complexity of 51 (highest 35).
●	force-app/main/default/classes/ActivateEvtResultTriggerHandler.cls:18:28	pmd:StdCyclomaticComplexity	The class 'ActivateEvtResultTriggerHandler' has a Standard Cyclomatic Complexity of 5 (Highest = 27).
●	force-app/main/default/classes/ActivateEvtResultTriggerHandler.cls:73:24	pmd:ApexDoc	Missing or mismatched ApexDoc <u>@param</u>
●	force-app/main/default/classes/ActivateEvtResultTriggerHandler.cls:73:24	pmd:ApexDoc	Unexpected ApexDoc <u>@return</u>
●	force-app/main/default/classes/ActivateEvtResultTriggerHandler.cls:73:24	pmd:CognitiveComplexity	The method 'handleEvents(List<ActivateContractEventResult_e>)' has a cognitive complexity of 78, current threshold is 15
●	force-app/main/default/classes/ActivateEvtResultTriggerHandler.cls:73:24	pmd:CyclomaticComplexity	The method 'handleEvents(List<ActivateContractEventResult_e>)' has a cyclomatic complexity of 35.
●	force-app/main/default/classes/ActivateEvtResultTriggerHandler.cls:73:24	pmd:NcssMethodCount	The method 'handleEvents()' has an NCSS line count of 78 (limit: 40)
●	force-app/main/default/classes/ActivateEvtResultTriggerHandler.cls:73:24	pmd:StdCyclomaticComplexity	The method 'handleEvents' has a Standard Cyclomatic Complexity of 27

ALM – Application Lifecycle Management

- Conjunto de práticas, processos, governanças, ferramentas utilizados para gerenciar uma aplicação desde seu planejamento até o estágio final



DEPLOY ON FRIDAY?

PLEASE NOT ME

Boas práticas

- Construa o Release Notes (checklist)
- Documente todas as suas alterações (ex:classes, componentes)
- Garanta que as classes de testes estejam com no mínimo 75% de cobertura
- Realize validações (check only) antes da implantação
- Evite deploys constantes de profiles ,dê preferência a Permission Sets
- Automatize testes, análise de código estático, script de dados e etc
- Defina frequências de refresh para suas ORG's
- Envolver os stakeholders(QA,Suporte,Infra,Negócio)



**Pull Requests in
THEORY**



**Pull Requests in
REALITY**

Reduzir DevOps a um título de cargo é limitar seu verdadeiro valor. Ele representa uma mudança cultural voltada à colaboração, automação e melhoria contínua.

Contato



💬 Vamos nos conectar!

Thank You

