

THE DEVELOPER'S CONFERENCE

Trilha – Testes

Teste de carga e alguns desafios na plataforma Low Code

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Agenda



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- O que é Low Code?
- Como funciona o teste de software?
- Teste de carga em uma plataforma Low Code
 - Pré-requisito do Teste de Software
 - Modelos de plano de teste
 - Cenários de teste
 - Análise dos Resultados
- Alguns desafios na plataforma Low Code
- Garantia de qualidade do sistema

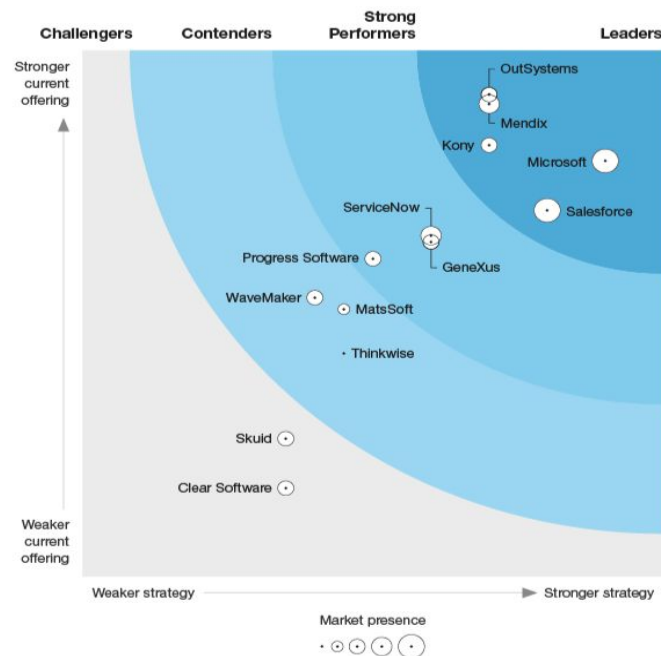
O que é Low Code?



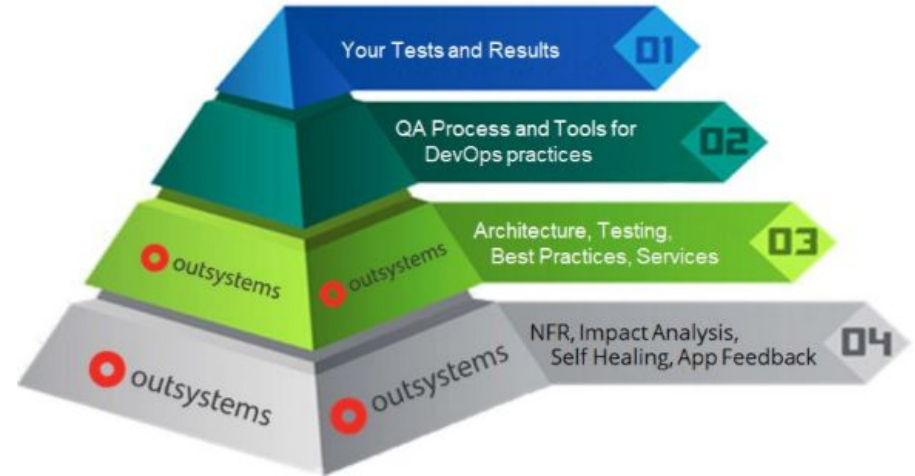
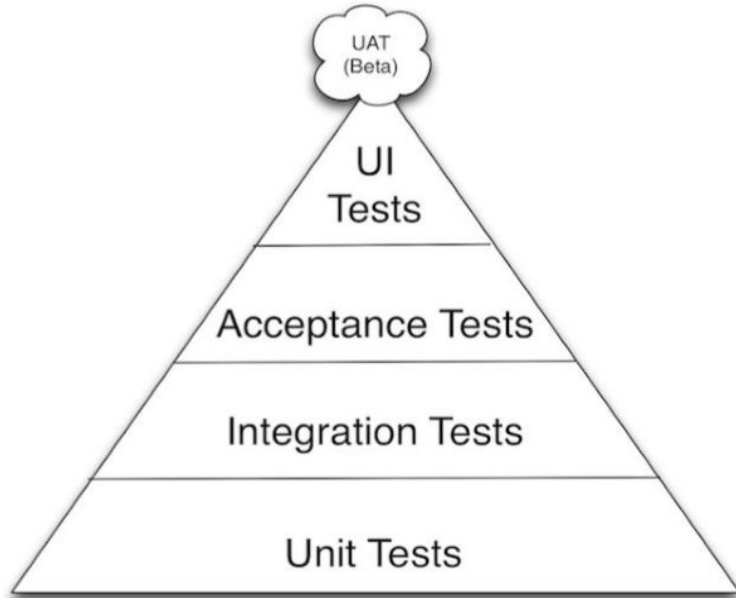
THE FORRESTER WAVE™

Low-Code Development Platforms For AD&D Professionals

Q1 2019



Como funciona o teste de software?



Teste de carga em uma plataforma Low Code



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 **BlazeMeter**

 **Gatling**

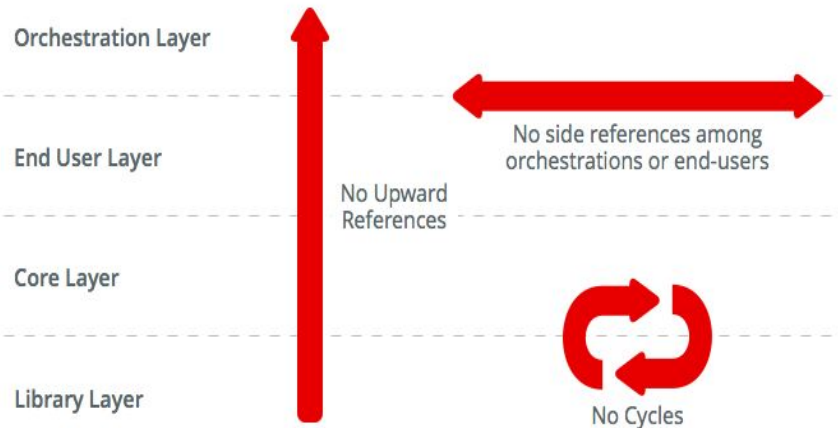
 **APACHE
JMeter™**



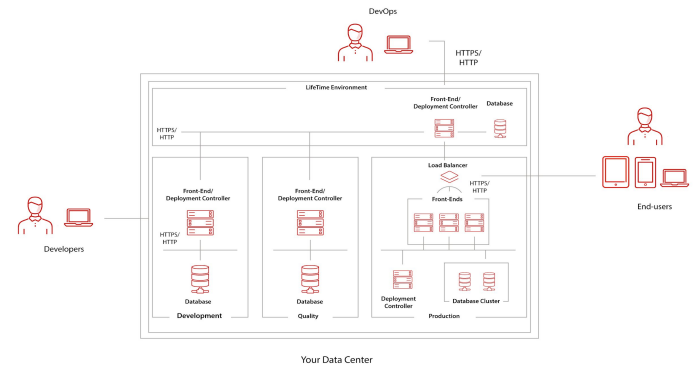
Pré-requisito do Teste de Software



Arquitetura 4 layout

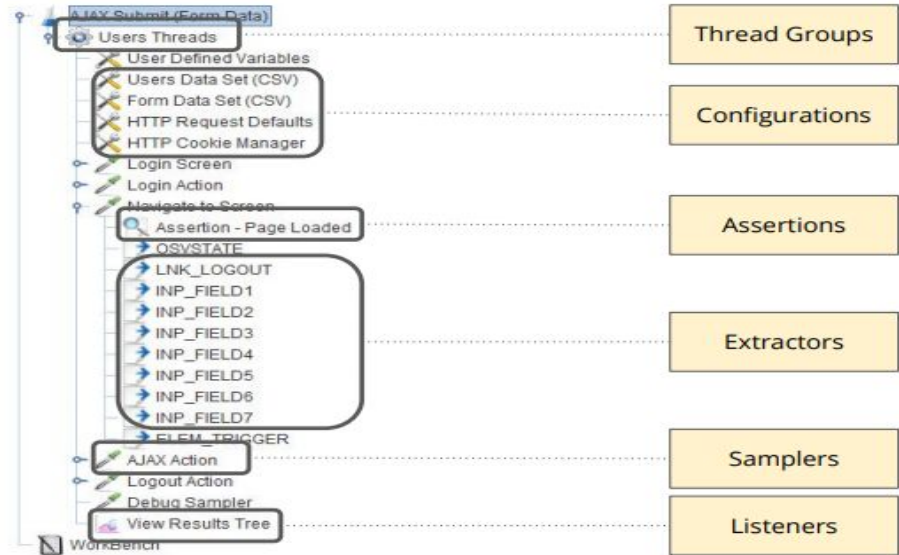


Fluxo de Desenvolvimento



Modelos de plano de teste

- Login/Logout
- Screen Preparation (Navigate)
- Submit Request
- Submit Request(Ajax)
- Rest/Soap service call



Cenários de teste

1. Landing Page

CASE MANAGER

Log in to your account

Click to log in as a sample user

Username *

Password *

Remember login

Login

[Log in as Patricia P. Wesley](#)
Support Manager

[Log in as Clark G. Parsons](#)
Support Agent

[Log in as Eddie B. Priedel](#)
Support Agent

[Log in as Kelsie B. Ramirez](#)
Support Agent

Perform Login



Request Landing Page

Cenários de teste

2. Submit Form (AJAX)



CASE-MANAGER

3 New Cases 11 Working Cases 1 Pending Cases 0 CAs

Submit New Case

Contact*

Email

Phone

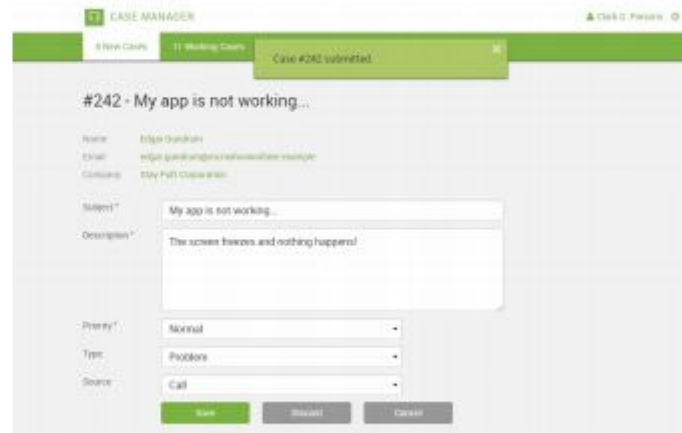
Subject*

Description*

Type

Source

Request Form (after Login)



CASE-MANAGER

3 New Cases 11 Working Cases Case #242 submitted

#242 - My app is not working..

Name: Edge Trunklin
Email: edge.gonzalez@rehabmed.com.br
Contact: 55 11 90304-1111

Subject*

Description*

Priority*

Type:

Source:

Submit Form Data

Análise dos Resultados



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View Results in Table

Summary

View results in the Results table

Columns: Application, Start Time, End Time, Status, Error, Latency, Connected, Response

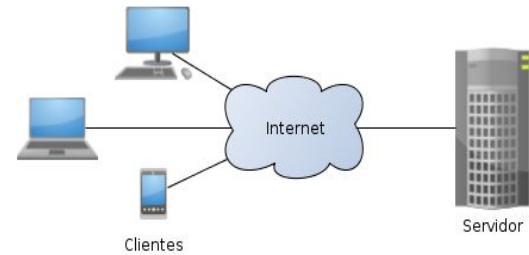
Application	Start Time	End Time	Status	Error	Latency	Connected	Response
...

Screen Log

Log of events tagged with web are recorded. Select an address to log events to see the log. To suspend the log...

Application: iService Causes: Pick: Filter: Status

Event ID	Server	Event	Category	State	Message	Duration	Server
2010-04-21 23:43:30	GWK_LM	WS	Screen	12	10 ms	PRO2440L74404	...
2010-04-21 23:38:10	Desktop	WS	Screen	18	40 ms	PRO2440L74404	...
2010-04-21 23:38:17	Login	WS	Screen	0	0 ms	PRO2440L74404	...
2010-04-21 23:38:07	Login	WS	Screen	0	10 ms	PRO2440L74404	...
2010-04-21 23:38:07	GWK_LM	WS	Screen	18	15 ms	PRO2440L74404	...
2010-04-21 23:38:07	Login	WS	Screen	0	81 ms	PRO2440L74404	...
2010-04-21 23:38:07	Login	WS	Screen	0	81 ms	PRO2440L74404	...
2010-04-21 23:38:07	GWK_LM	WS	Screen	18	10 ms	PRO2440L74404	...
2010-04-21 23:38:07	Desktop	WS	Screen	18	31 ms	PRO2440L74404	...
2010-04-21 23:38:07	Desktop	WS	Screen	18	31 ms	PRO2440L74404	...
2010-04-21 23:38:06	Login	WS	Screen	0	10 ms	PRO2440L74404	...
2010-04-21 23:38:06	Desktop	WS	Screen	18	88 ms	PRO2440L74404	...
2010-04-21 23:38:00	Desktop	WS	Screen	18	1181 ms	PRO2440L74404	...
2010-04-21 23:38:06	Login	WS	Screen	0	10 ms	PRO2440L74404	...
2010-04-21 23:38:04	Login	WS	Screen	0	203 ms	PRO2440L74404	...
2010-04-21 23:38:08	GWK_LM	WS	Screen	12	1410 ms	PRO2440L74404	...



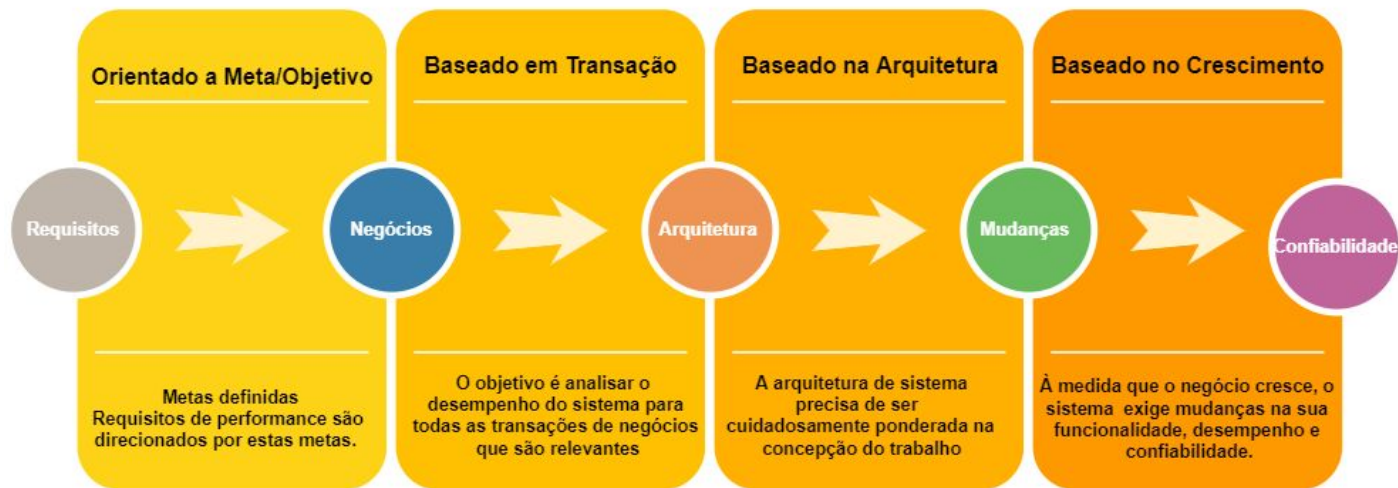
Cada um dos testes executou dez execuções com **150 usuários / thread**

Alguns desafios na plataforma Low Code



Recurso Humanos	Desenvolvimento	Requisito	Aplicação	Negocios
Profissionais qualificados	Arquitetura desenvolvida na aplicação	Maturidade na Coleta de Requisito não Funcional	Versão da plataforma Low Code	Custo da automação/Tempo
Comunidade de Teste	Erro de Desenvolvimento	Lógica de negócio	Configuração de servidores	Manutenção dos testes
Componente na Forge		Mudaça de Escopo	Banco de dados	Cobertura dos testes
			Ambiente de teste	Garantia da qualidade

Garantia de qualidade do sistema





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