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AUTO
SCOUT24

Erfahrungen mit Continuous Integration & Delivery

München | 7. Juli 2015 | Robert Misch und Simon Hohenadl





A portrait of Robert Misch, a young man with dark, wavy hair, smiling broadly. He is wearing a dark suit jacket over a light-colored collared shirt. The background is a dark, solid color.

Robert Misch

Agile Coach

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AUTO

SCOUT 24



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Scrum

Continuous Delivery

A blurred photograph of a water bottle production line in a factory. The bottles are moving along a conveyor belt, and the background is out of focus, showing industrial machinery and lights. The text 'Continuous Delivery' is overlaid on the left side of the image.

Viele

Features



Branching





Lesson Learned

Continuous Integration



Filter by agent name: Filter Show canceled and failed to start builds

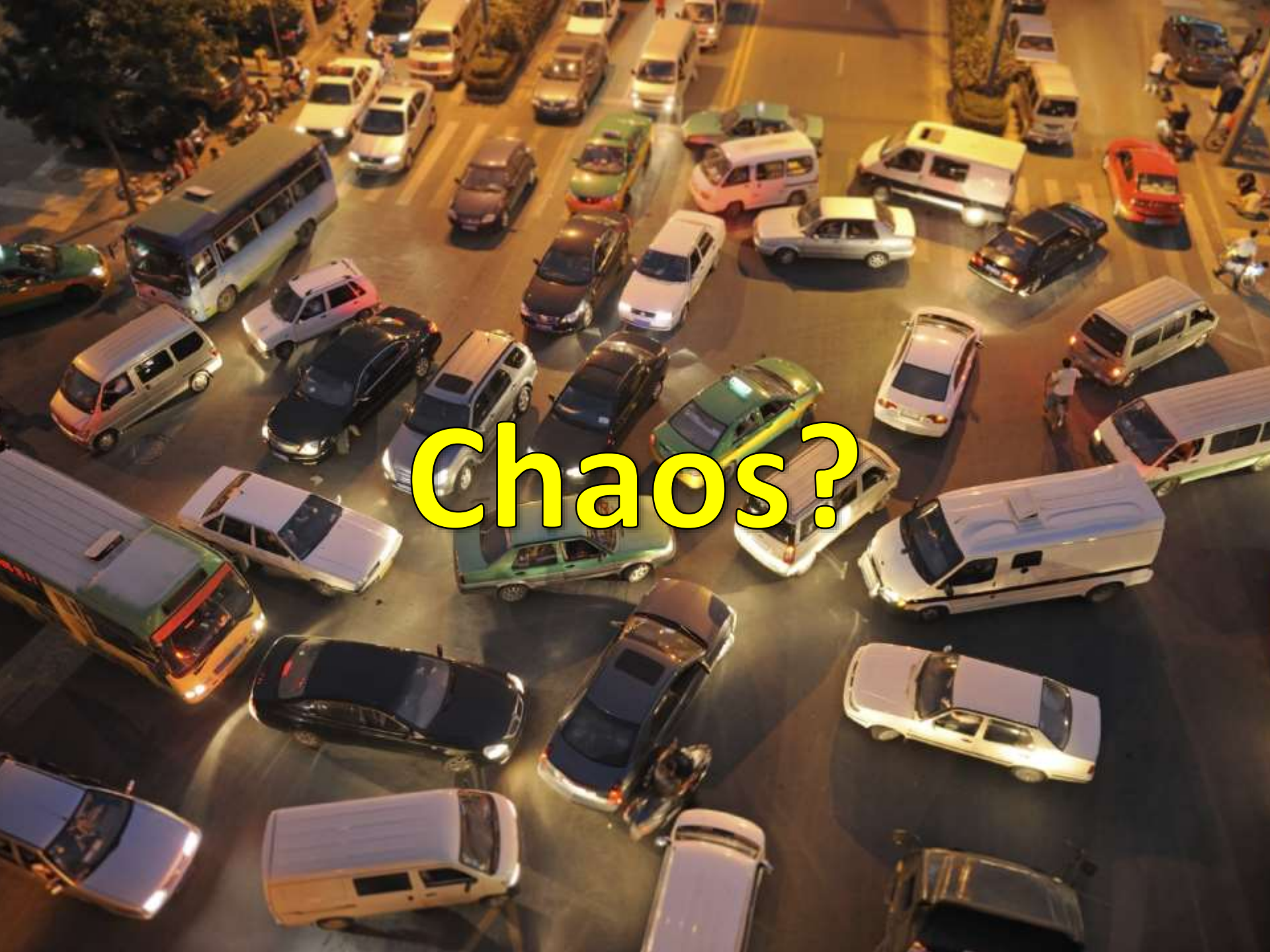
Branch	#	Results	Artifacts	Changes	Started	Duration	Agent	Tags
master	#2014.0130.4576	Tests failed: 1 (1 new), passed: 3093 ▾	View ▾	as24\mpuppim (1) ▾	30 Jan 14 10:46	7m:01s	dappnar032	None ▾
master	#2014.0130.4575	Tests passed: 3094 ▾	View ▾	as24\mpuppim (1) ▾	30 Jan 14 09:00	3m:14s	dappnar032	None ▾
master	#2014.0129.4574	Tests passed: 3094 ▾	View ▾	Jan Feilen (1) ▾	29 Jan 14 18:34	3m:39s	dappnar032	None ▾
master	N/A	Canceled ▾	None	Jan Feilen (1) ▾	29 Jan 14 18:34	< 1s	N/A	None ▾
master	#2014.0129.4573	Tests passed: 3094 ▾	View ▾	as24\mpuppim (2) ▾	29 Jan 14 17:36	3m:50s	dappnar032	None ▾
master	#2014.0129.4572	Tests passed: 3094 ▾	View ▾	aberesdeak (3) ▾	29 Jan 14 16:51	4m:26s	dappnar051	None ▾
master	#2014.0129.4571	Tests passed: 3094 ▾	View ▾	Matthias Kainer (1) ▾	29 Jan 14 16:43	3m:46s	dappnar032	None ▾
master	#2014.0129.4570	Tests passed: 3088 ▾	View ▾	as24\mpuppim (1) ▾	29 Jan 14 15:50	4m:13s	dappnar003	None ▾
master	#2014.0129.4569	Tests passed: 3088 ▾	View ▾	as24\mpuppim (1) ▾	29 Jan 14 15:45	4m:04s	dappnar032	None ▾
master	#2014.0129.4568	Tests passed: 3088 ▾	View ▾	aberesdeak (2) ▾	29 Jan 14 14:59	4m:57s	dappnar021	None ▾
master	#2014.0129.4567	Tests passed: 3093 ▾	View ▾	Gleidson Thull... (1) ▾	29 Jan 14 14:37	4m:13s	dappnar038	None ▾
master	#2014.0129.4566	Tests passed: 3093 ▾	View ▾	No changes ▾	29 Jan 14 14:30	4m:23s	dappnar021	None ▾
master	#2014.0129.4565	Tests passed: 3093 ▾	View ▾	Gleidson Thull... (1) ▾	29 Jan 14 14:26	4m:11s	dappnar003	None ▾
master	#2014.0129.4564	Tests passed: 3093 ▾	View ▾	Gleidson Thull... (1) ▾	29 Jan 14 14:21	4m:28s	dappnar032	None ▾
master	#2014.0129.4563	Tests passed: 3093 ▾	View ▾	Gleidson Thull... (2) ▾	29 Jan 14 13:19	4m:26s	dappnar032	None ▾
master	#2014.0129.4562	Tests passed: 3093 ▾	View ▾	as24\mpuppim (1) ▾	29 Jan 14 10:06	3m:04s	dappnar032	None ▾
master	#2014.0128.4561	Tests passed: 3093 ▾	View ▾	Gleidson Thull... (2) ▾	28 Jan 14 18:26	3m:40s	dappnar021	None ▾
master	#2014.0128.4560	Tests passed: 3093 ▾	View ▾	as24\mpuppim (1) ▾	28 Jan 14 18:07	3m:36s	dappnar021	None ▾
master	#2014.0128.4559	Tests failed: 1 (1 new), passed: 3092 ▾	View ▾	as24\mpuppim (1) ▾	28 Jan 14 18:00	4m:04s	dappnar021	None ▾
master	#2014.0128.4558	Tests passed: 3093 ▾	View ▾	Jan Feilen (1) ▾	28 Jan 14 17:43	3m:59s	dappnar021	None ▾
master	#2014.0128.4557	Tests failed: 10 (10 new), passed: 3083 ▾	View ▾	Jan Feilen (1) ▾	28 Jan 14 17:36	3m:55s	dappnar021	None ▾
master	#2014.0128.4556	Tests passed: 3093 ▾	View ▾	Jan Feilen (1) ▾	28 Jan 14 16:56	3m:47s	dappnar021	None ▾
master	#2014.0128.4555	Tests passed: 3093 ▾	View ▾	Gleidson Thull... (2) ▾	28 Jan 14 14:34	4m:19s	dappnar050	None ▾

Flow





Disziplin



Chaos?

Feature

Toggles



SupportChatToggle:

dev: true
ci: true
live: false

FutureOfferFeatureToggle:

dev: true
ci: false
live: false

CallManagerFeatureToggle:

dev: false
ci: false
live: false

OilServiceFunnel:

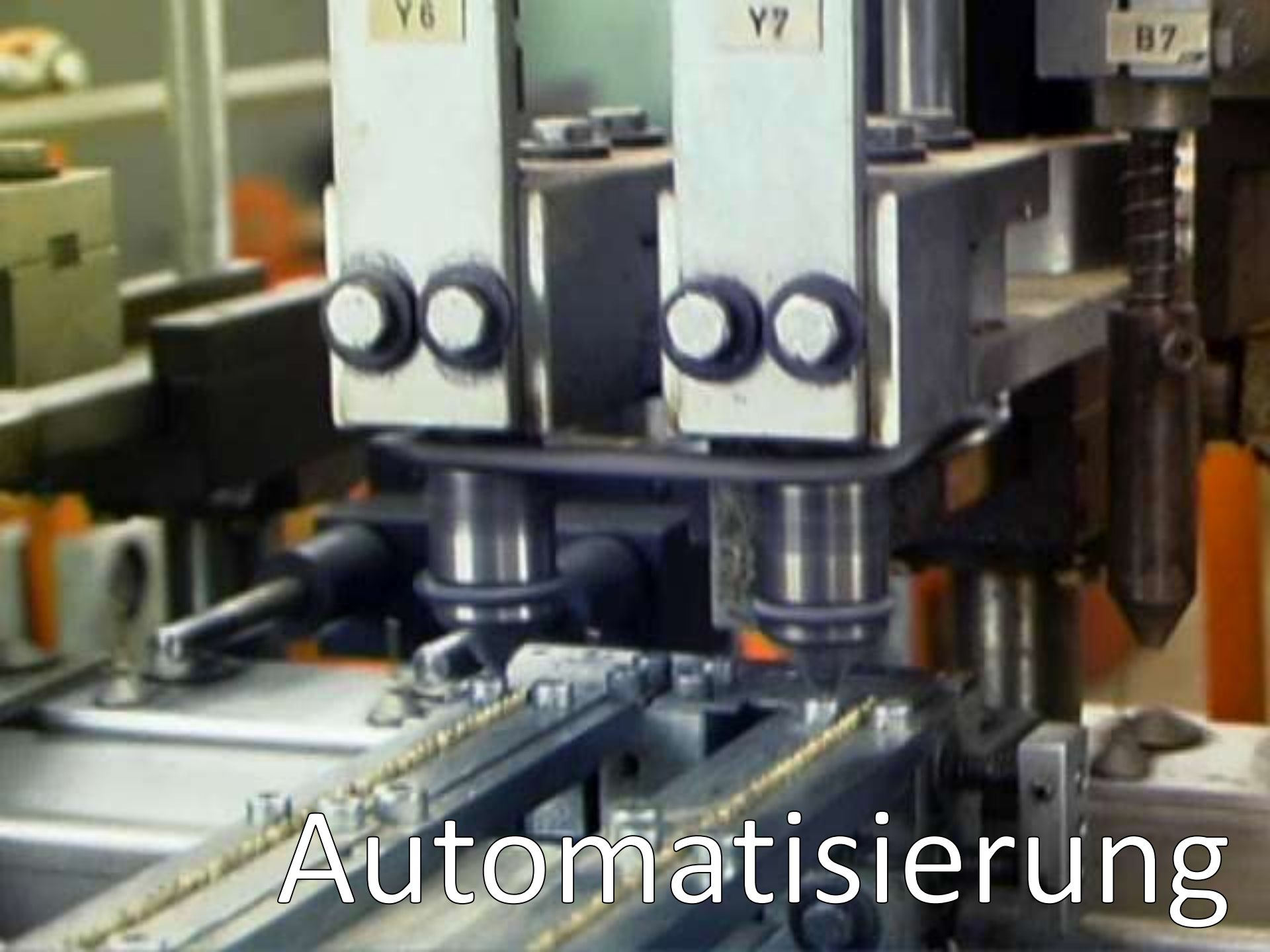
dev: true
ci: true
live: true

```
@if (FeatureToggleHelper.IsToggleEnabled("FutureOfferFeatureToggle"))
{
    <div data-edit-box="GarageMainServices">
        @Html.Partial("~/DisplayMainServicesPartial.cshtml", Model.MainServices)
    </div>
}
```

Feature

Toggles





Automatisierung

Blue Green Deployment



A vibrant, multi-colored nebula with a bright central starburst. The nebula features a spectrum of colors including red, orange, yellow, green, and blue, set against a dark background filled with numerous stars. The central starburst is particularly bright and radiates light in all directions.

Feature
Release

Live Tests





Continuous Quality

Pair Programming

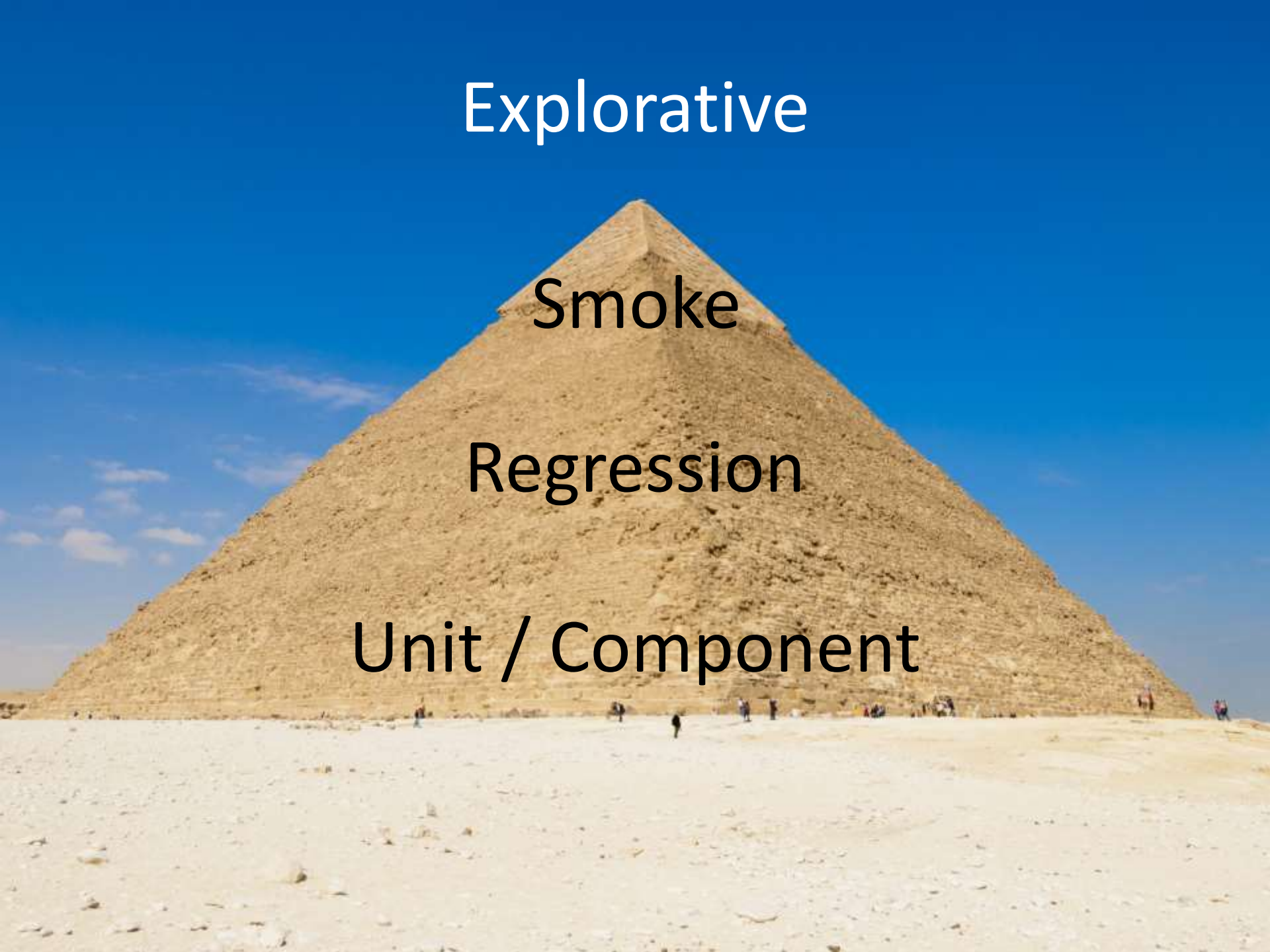


Explorative

Smoke

Regression

Unit / Component



A close-up photograph of a brass bell hanging from a white rope on a ship's deck. The bell is positioned in the upper left quadrant. Below it, a small green bobber and a piece of rope with a frayed end are visible. The background shows a white railing with three white cleats, a deep blue sea, and a clear blue sky. The word "Verantwortung" is overlaid in white text on the right side of the image.

Verantwortung

Teamwork



SMP > LIVE > **Live Deployment (live zone)**

Run ... Actions |

<All branches> | Branches | Overview | History | Change Log | Statistics | Compatible Agents 1 | Pending Changes 86 | Build Chains | Settings

Filter by agent name: Filter Show canceled and f

Branch	#	Results	Artifacts	Changes	Started	Duration	Agent
master	#2014.0127.4537	✓ Tests passed: 12	View	Changes (40)	29 Jan 14 11:35	18m:18s	lappbav004
master	#2014.0124.4535	✓ Tests passed: 12	View	Changes (115)	27 Jan 14 10:31	20m:07s	lappbav004
master	#2014.0117.4458	✓ Tests passed: 12	View	Changes (14)	17 Jan 14 13:53	18m:35s	lappbav004
master	#2014.0116.4456	✓ Tests passed: 12	View	Changes (58)	17 Jan 14 10:57	18m:29s	lappbav004
master	#2014.0115.4419	✓ Tests passed: 12	View	Changes (5)	15 Jan 14 16:52	18m:37s	lappbav004
master	#2014.0115.4417	✗ Exit code 1 (new)	View	Changes (62)	15 Jan 14 15:54	4m:58s	lappbav004
master	#2014.0113.4374	✓ Tests passed: 12	View	Changes (15)	13 Jan 14 12:45	18m:12s	lappbav004
master	#2014.0110.4360	✓ Tests passed: 12	None	Changes (47)	13 Jan 14 09:33	19m:50s	lappbav004
master	#2014.0109.4322	✓ Tests passed: 12	None	Changes (6)	10 Jan 14 13:27	1h:01m	lappbav004
master	#2014.0109.4322	✓ Tests passed: 12	None	Changes (27)	10 Jan 14 10:28	18m:58s	lappbav004
master	#2014.0109.4305	✓ Tests passed: 12	None	Changes (6)	09 Jan 14 14:26	18m:36s	lappbav004
master	#2014.0109.4304	✓ Tests passed: 12	None	Changes (42)	09 Jan 14 13:32	20m:21s	lappbav004
master	#2014.0107.4258	✓ Tests passed: 34	None	Changes (193)	08 Jan 14 09:30	18m:41s	lappbav004
	#2013.1213.4115	✓ Tests passed: 30	None	Changes (42)	13 Dec 13 13:48	17m:28s	lappbav004
refs/he.../master	#2013.1212.4071	✓ Tests passed: 30	None	Changes (18)	12 Dec 13 11:35	17m:36s	lappbav004
refs/he.../master	#2013.1211.4059	✓ Tests passed: 30	None	Changes (9)	11 Dec 13 15:28	18m:04s	lappbav004
refs/he.../master	#2013.1211.4057	✓ Tests passed: 30	None	Changes (15)	11 Dec 13 13:58	18m:07s	lappbav004
refs/he.../master	#2013.1210.4043	✓ Tests passed: 30	None	Changes (40)	11 Dec 13 09:07	18m:05s	lappbav004
refs/he.../master	#2013.1209.4024	✓ Tests passed: 30	None	Changes (10)	10 Dec 13 13:05	17m:59s	lappbav004
refs/he.../master	#2013.1209.4013	✓ Tests passed: 30	None	Changes (24)	10 Dec 13 08:40	17m:44s	lappbav004
refs/he.../master	#2013.1206.4000	✓ Tests passed: 30	None	Changes (104)	09 Dec 13 15:16	18m:16s	lappbav004



Next Steps

Aufspalten



DevOps





Amazon Web Services

Monitoring



