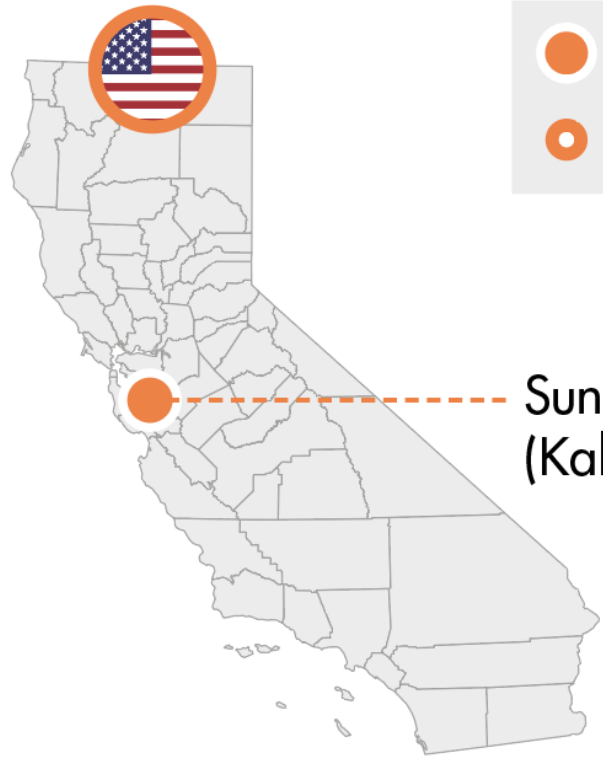
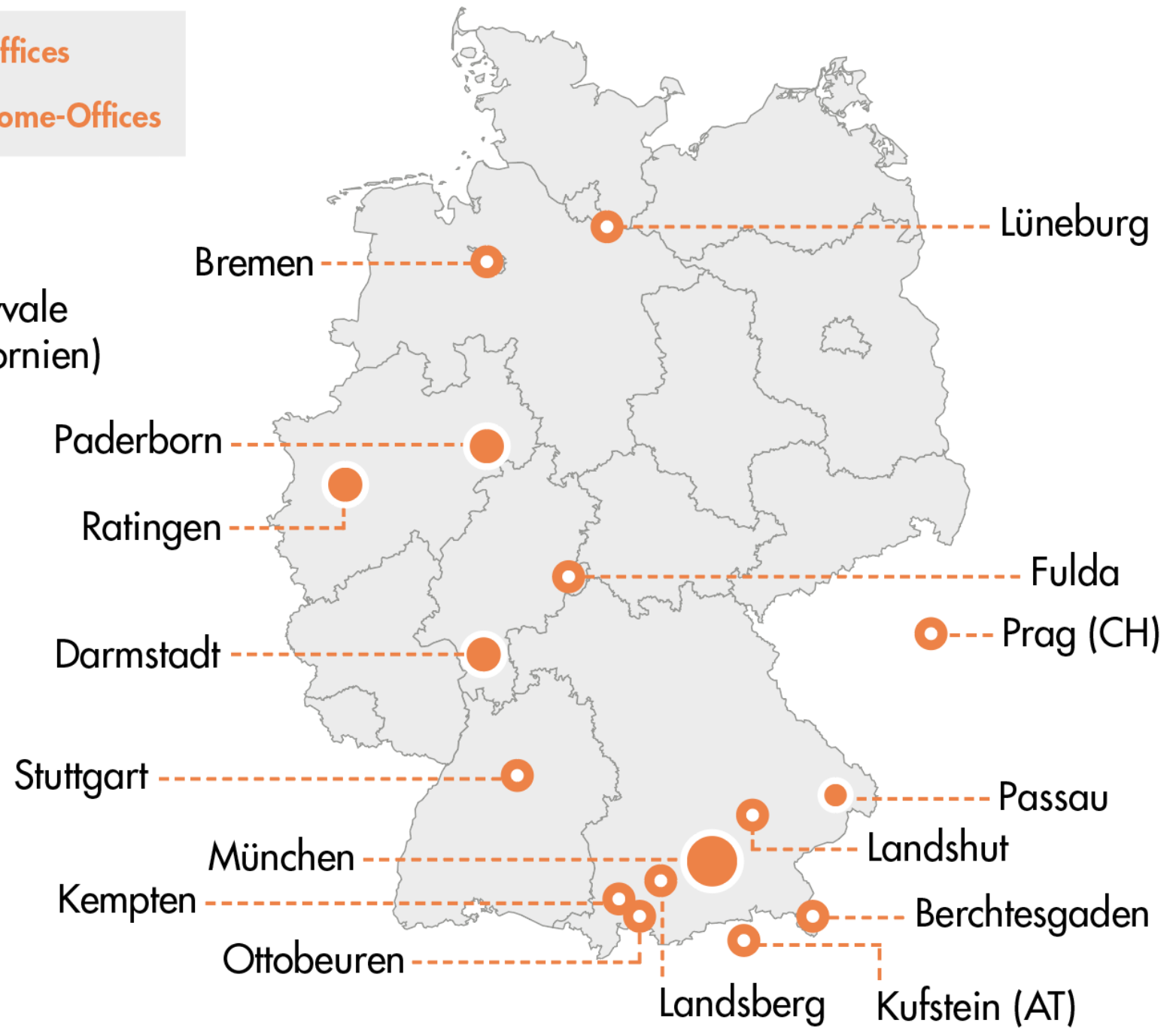


# Test Intelligence mit Teamscale live am Beispiel

Dr. Elmar Jürgens  
Jakob Rott



● Offices  
● Home-Offices



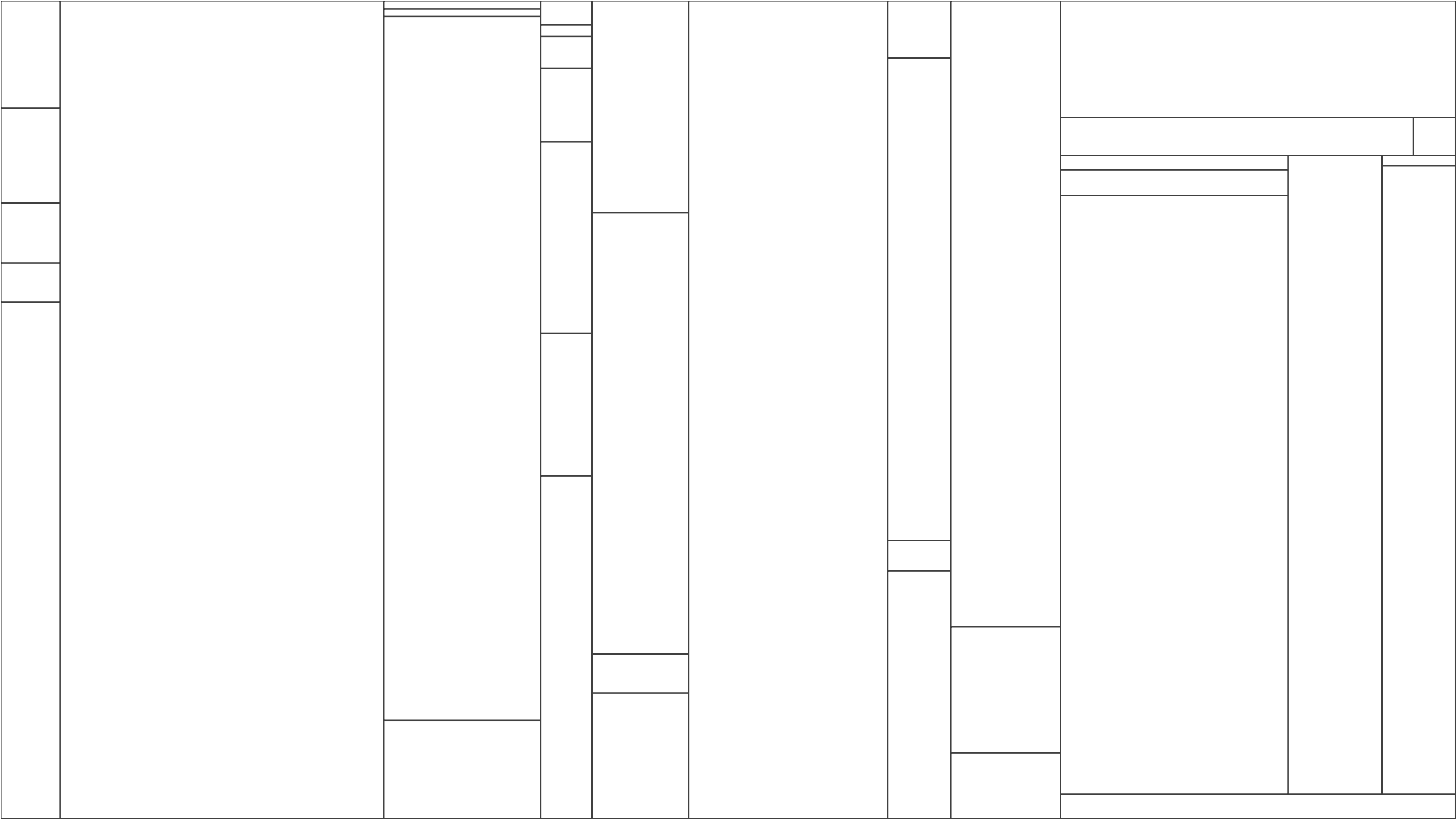


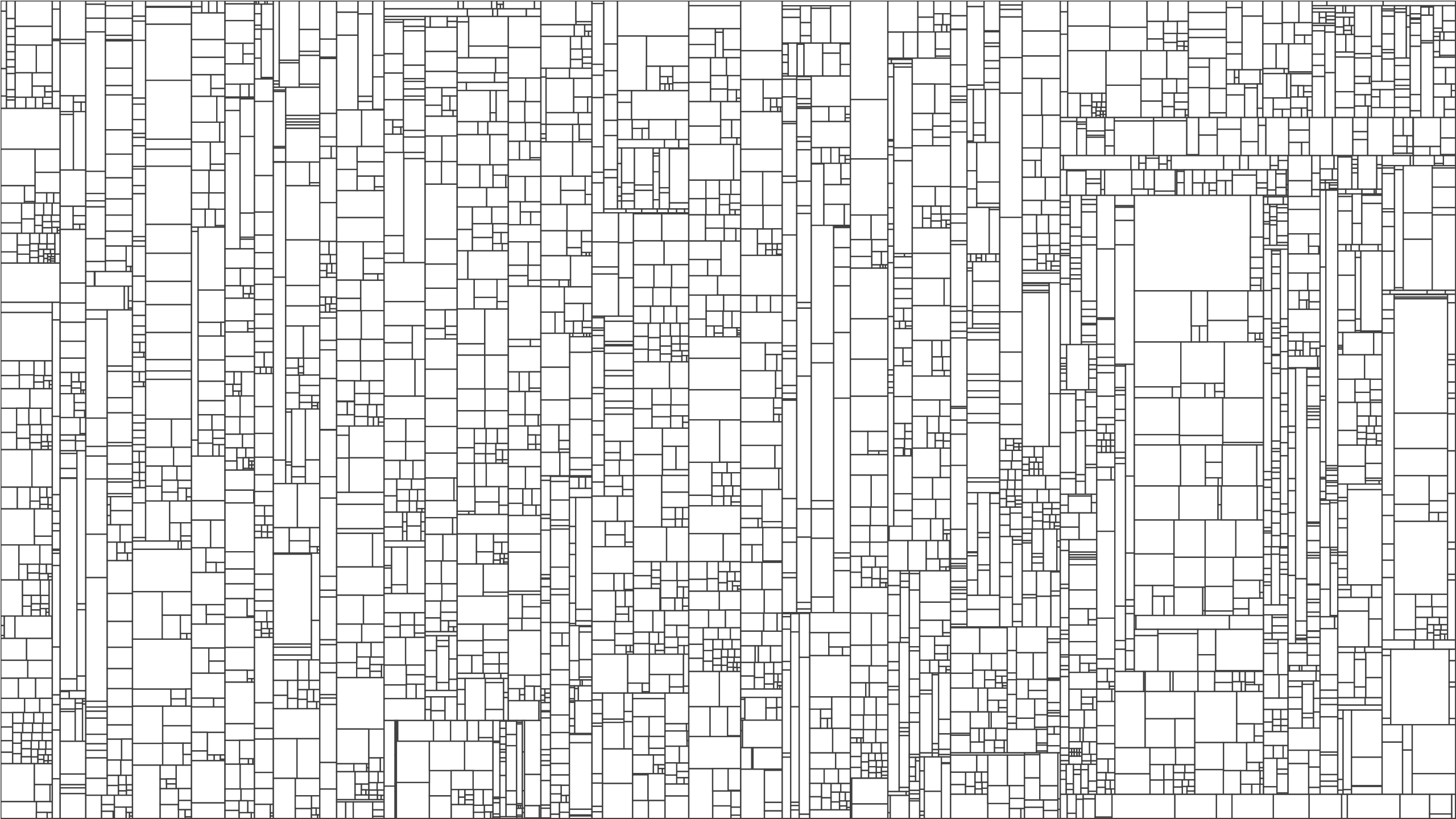
Mehr  
Effektivität  
&  
Effizienz

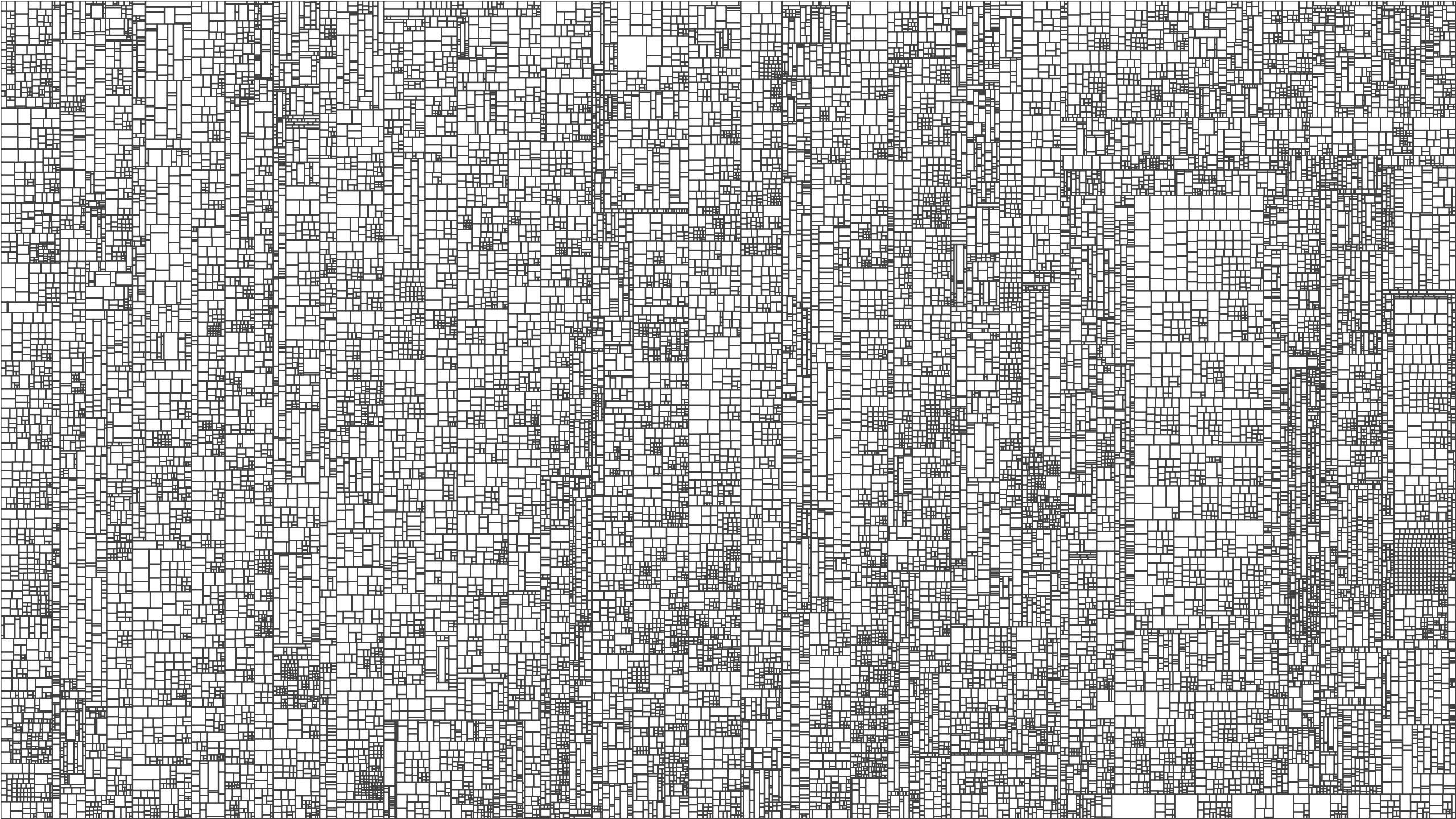


Mehr  
Effektivität  
&  
Effizienz

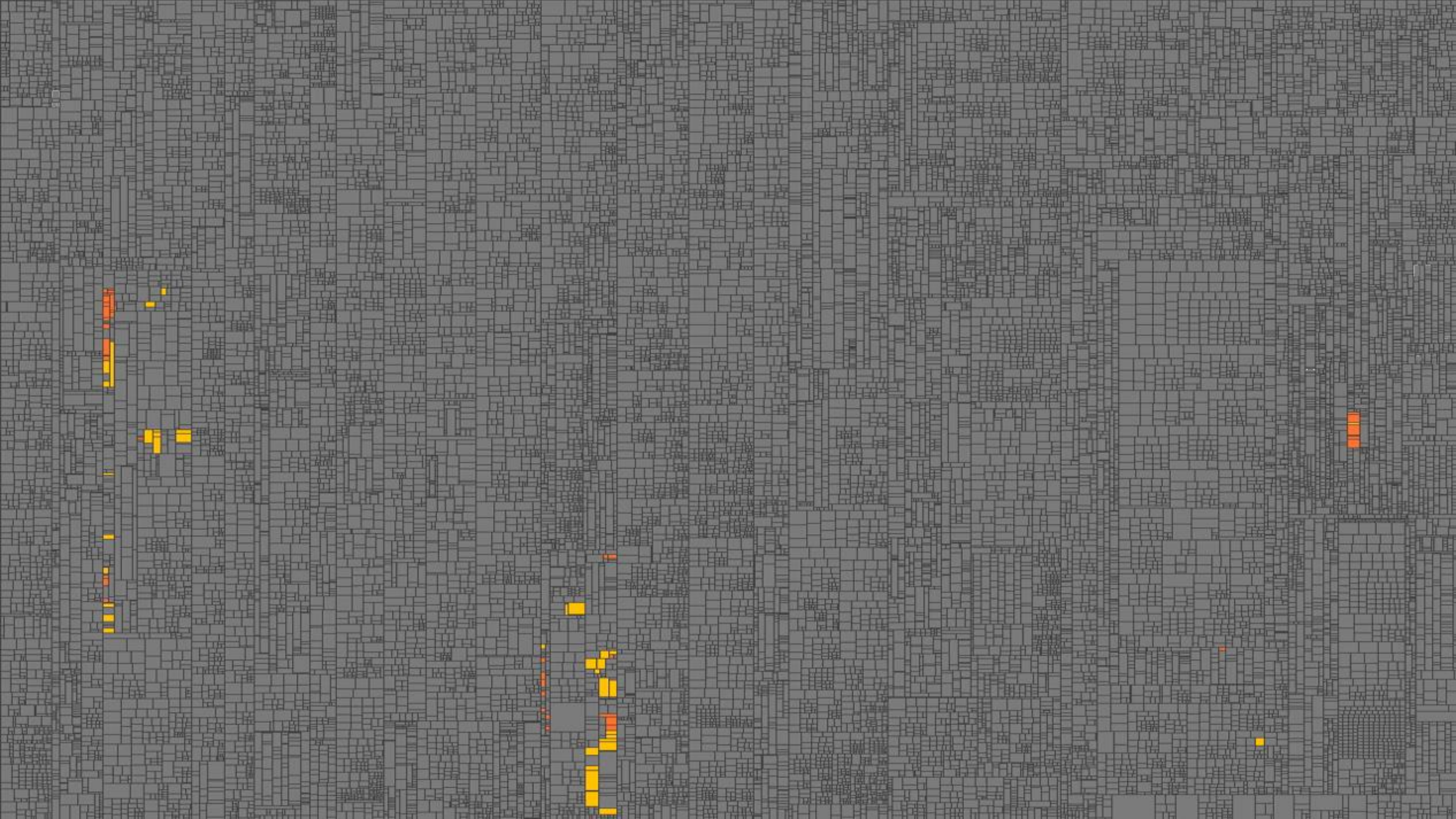


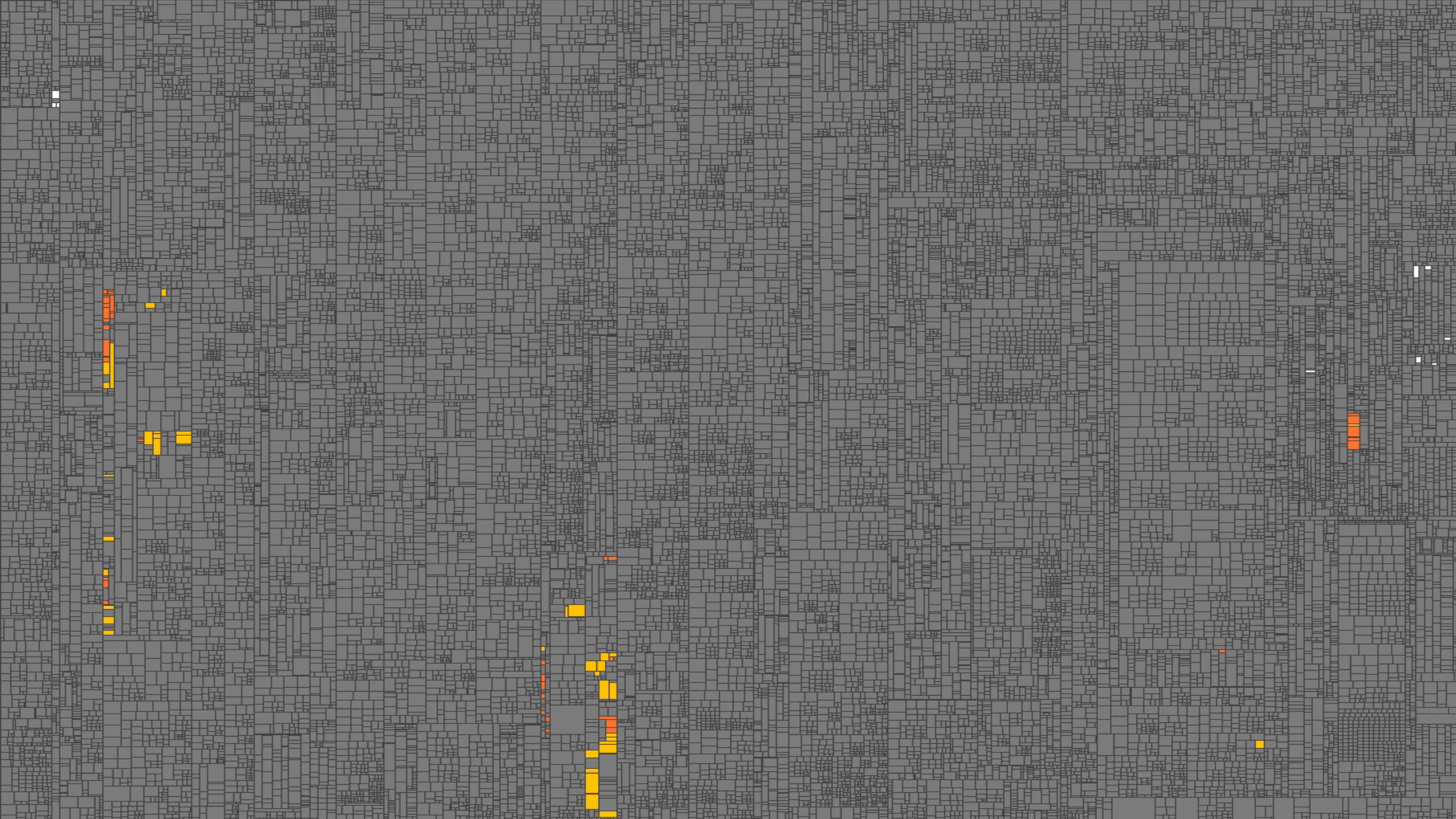


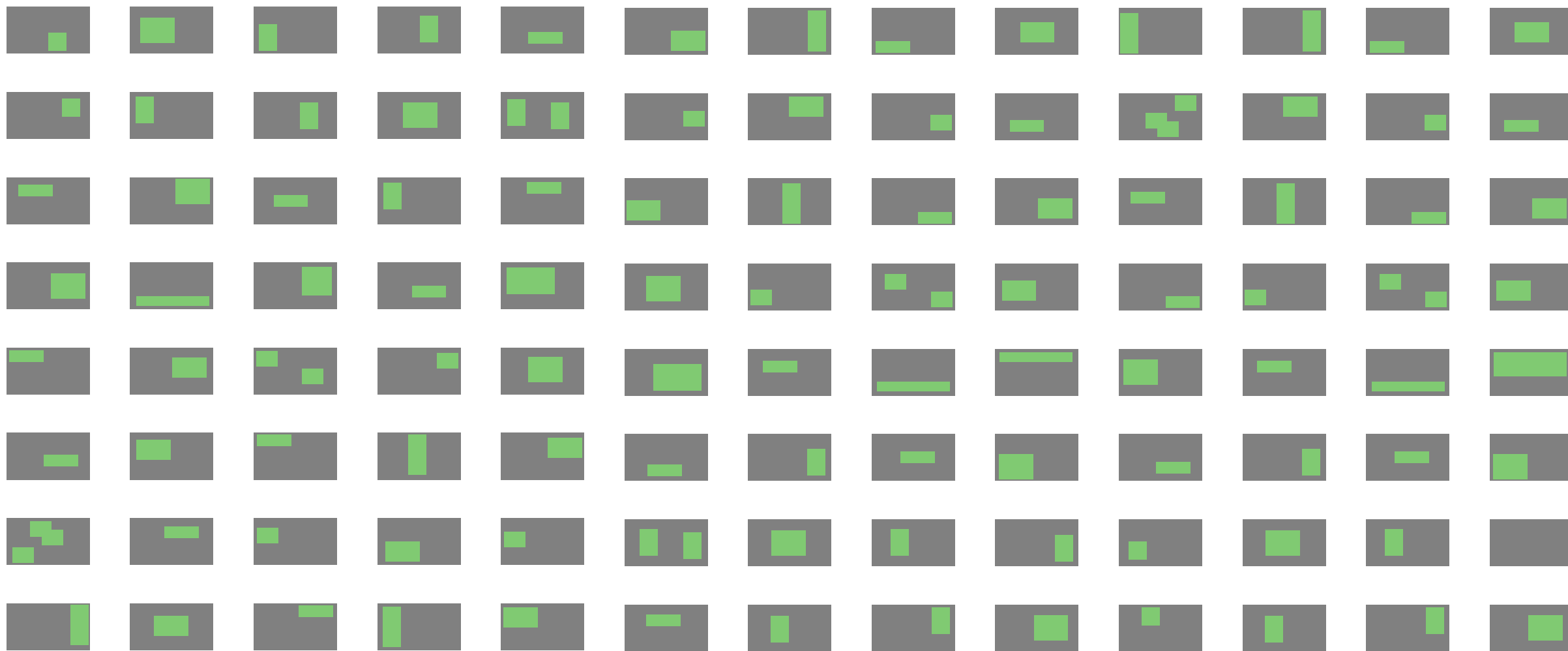








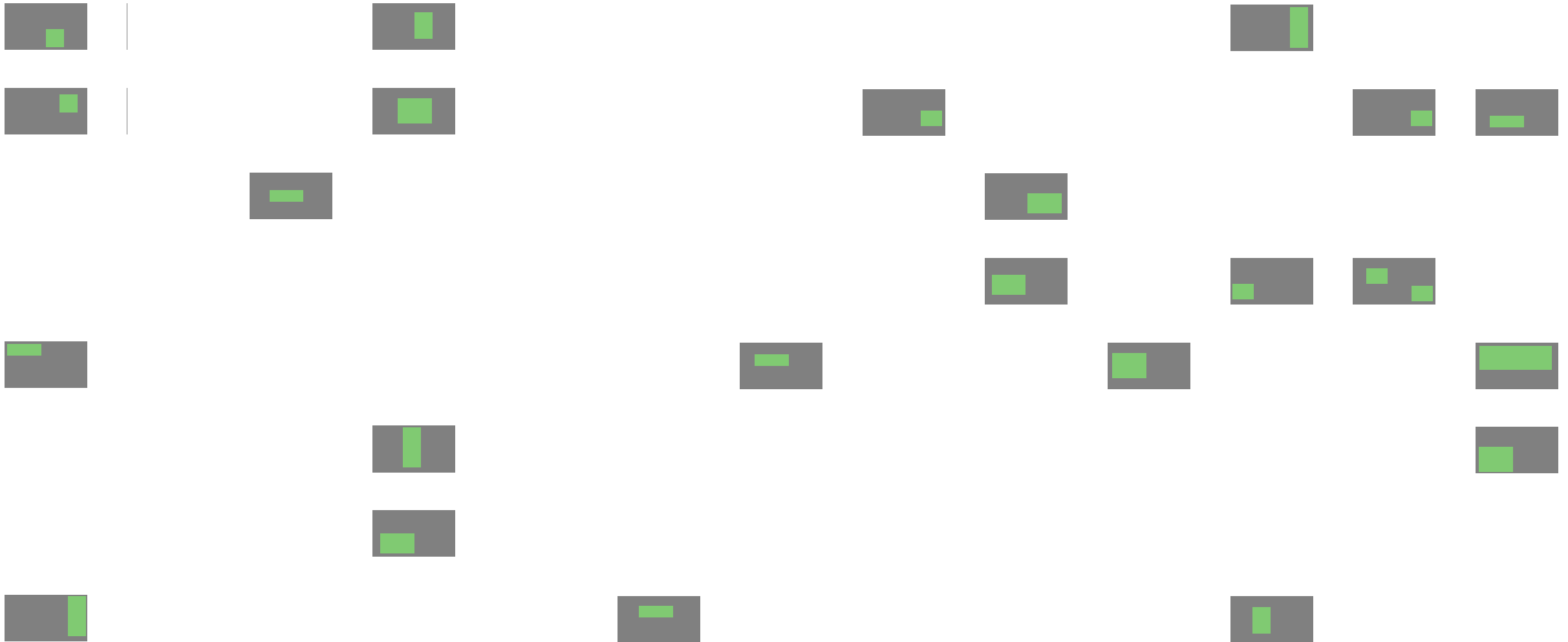




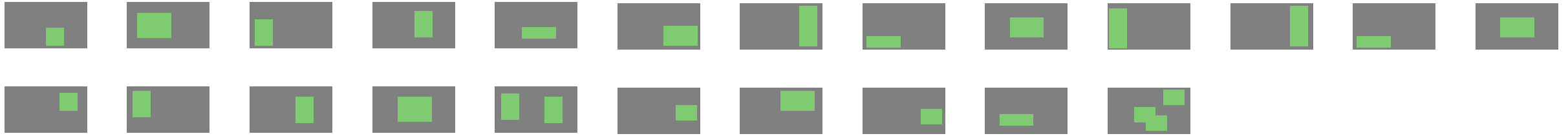
# Schritt 1: Selektion betroffener Testfälle



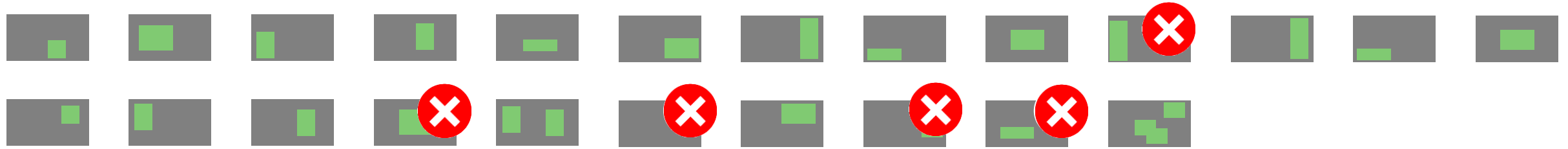
# Schritt 1: Selektion betroffener Testfälle



# Schritt 1: Selektion betroffener Testfälle



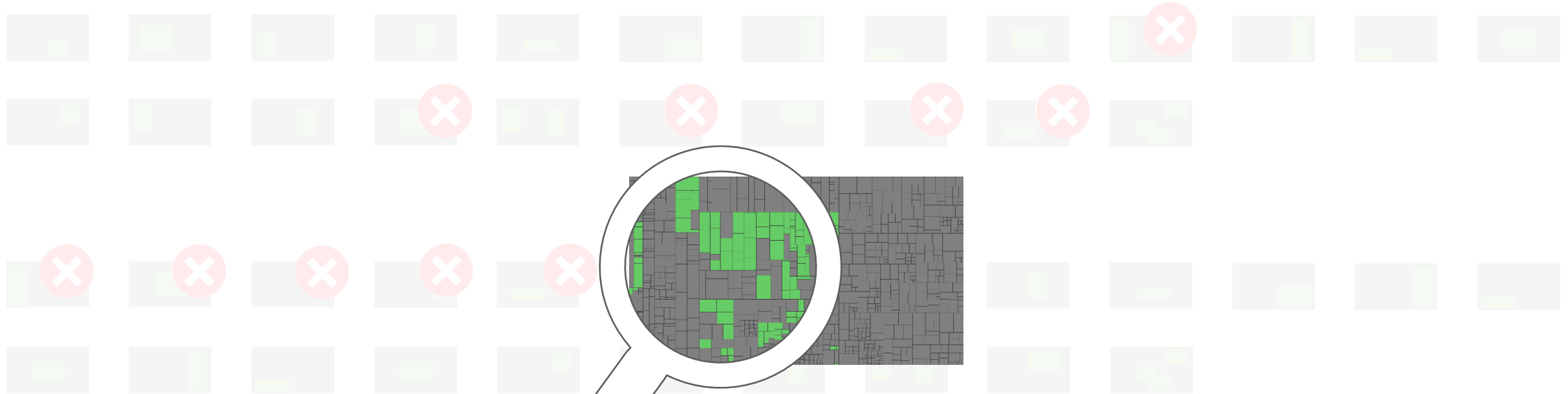
## Schritt 2: Priorisierung selektierter Testfälle







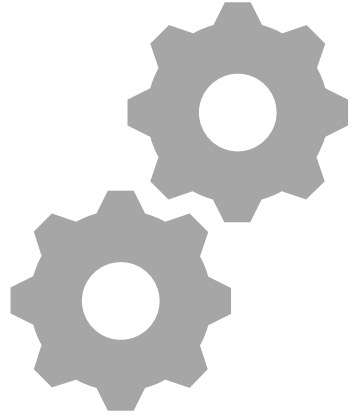
# Schritt 2: Priorisierung selektierter Testfälle



Change coverage

Execution time



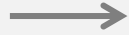


# Test-Impact Analyse

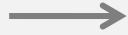
# Initiale Aufzeichnung aller Tests



Ausführung  
aller Tests



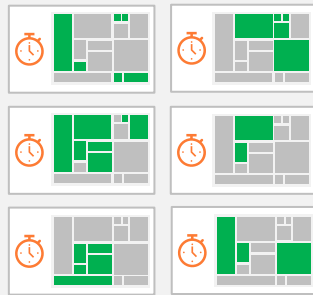
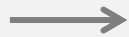
Coverage & Laufzeit  
für alle Tests



## Initiale Aufzeichnung aller Tests



Ausführung  
aller Tests



Coverage & Laufzeit  
für alle Tests

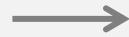


## Test-Impact-Analyse

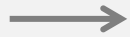
## CI Pipeline



VCS

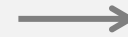


Codeänderung



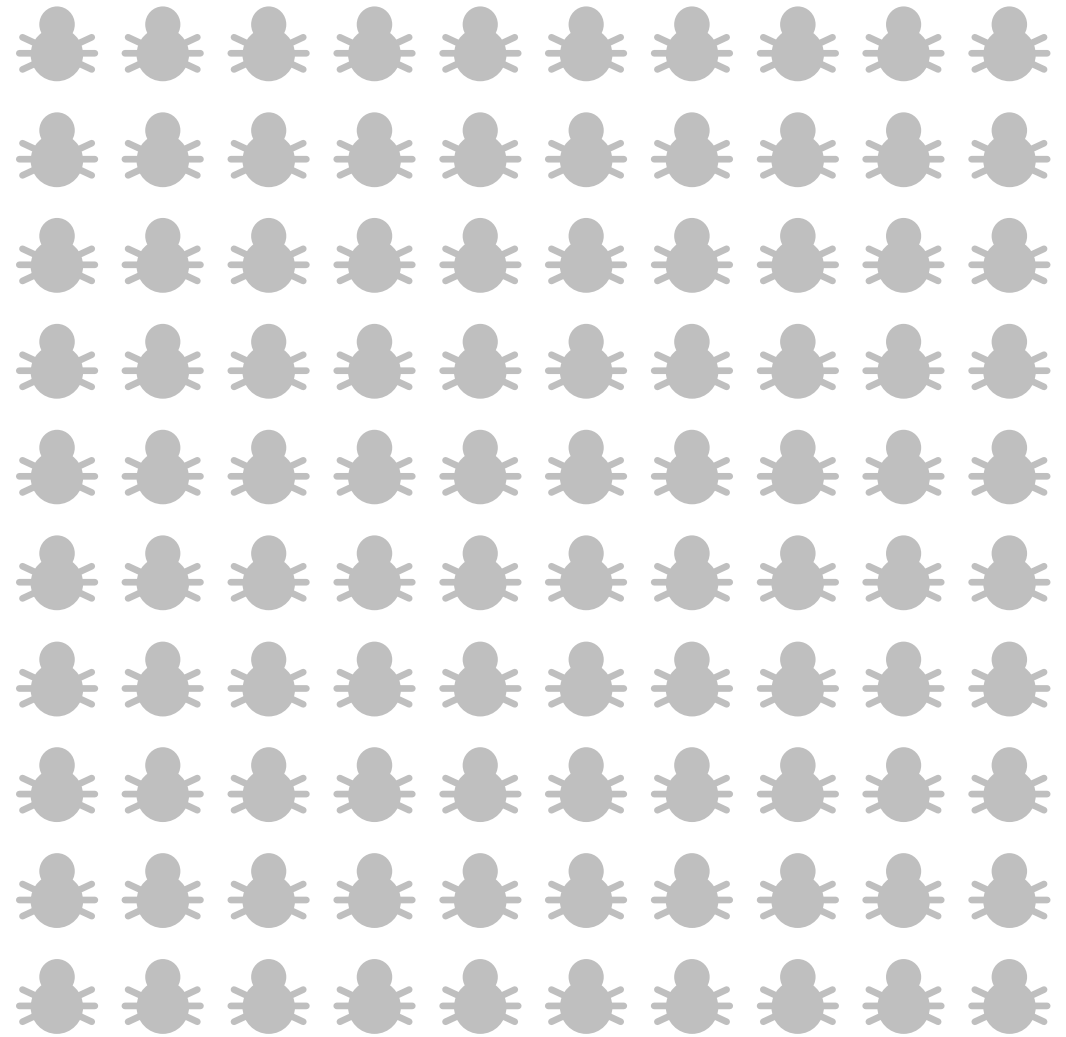
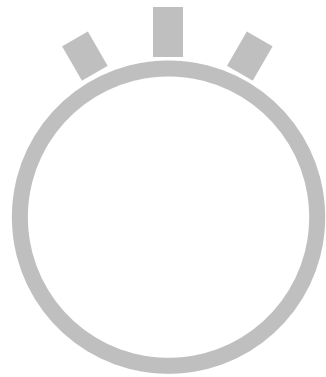
- Test-Selektion
- Test-Priorisierung

Test-Impact-Analyse



Änderungsrelevante und  
sortierte Testfälle











**Mehr**  
**Effektivität**  
**&**  
**Effizienz**

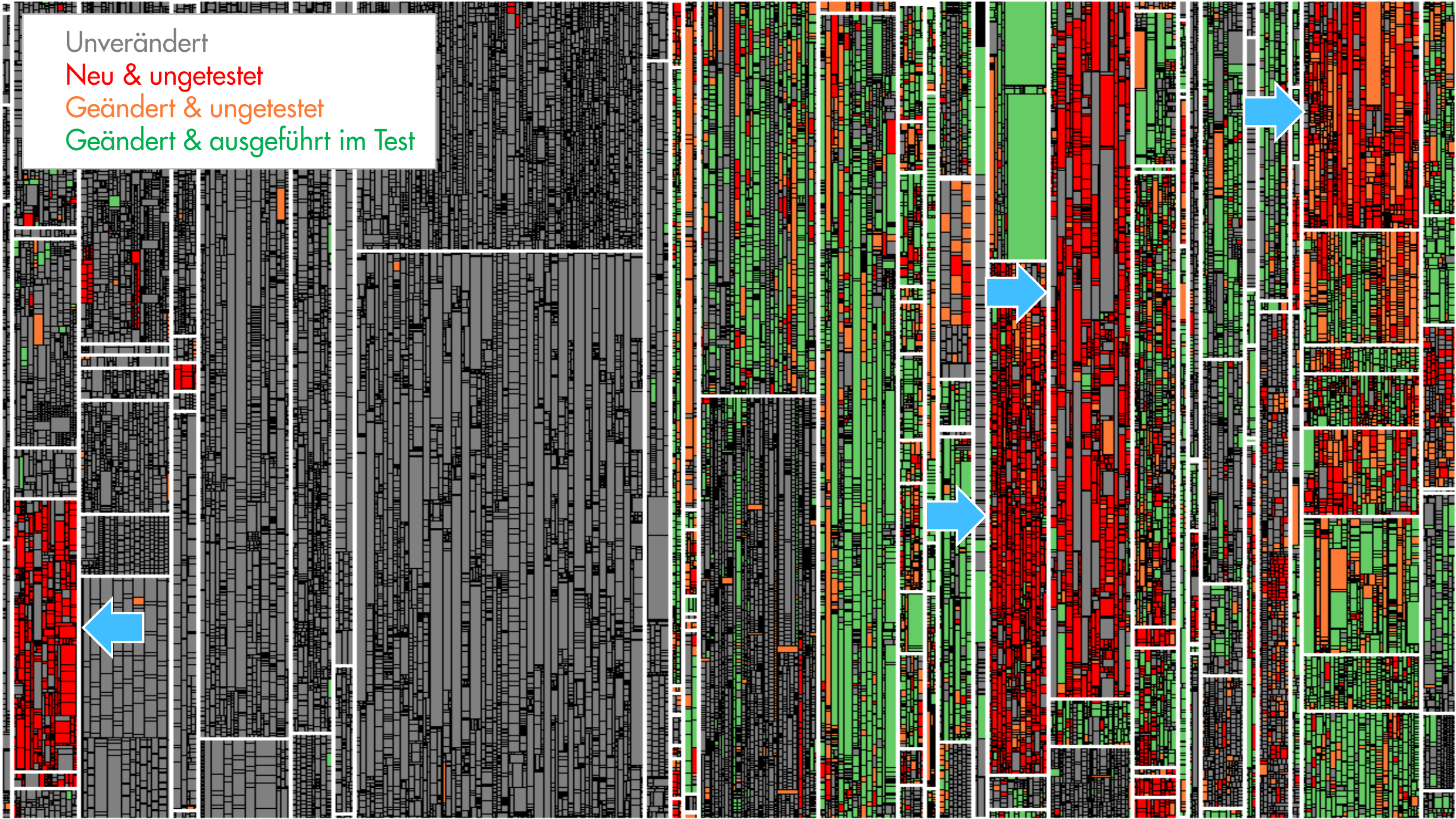


















Unverändert

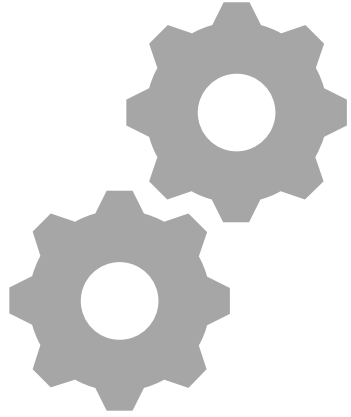
Neu & ungetestet

Geändert & ungetestet

Geändert & ausgeführt im Test



Issue # <span>▼</span>	Subject			Test Gap
<a href="#">🔗 TS-10549</a>	Undo/Redo for web-based architecture editor	Done		0% 
<a href="#">🔗 TS-10784</a>	Fix long method finding in TaintAnalysisRunner	Done		0% 
<a href="#">🔗 TS-10923</a>	Implement metric 'Nesting Depth' for Simulink	Done		29% 
<a href="#">🔗 TS-11364</a>	External findings are not registered during first upload	Done		14% 
<a href="#">🔗 TS-11942</a>	Manual test coverage upload during development	Done		43% 
<a href="#">🔗 TS-12050</a>	Tool for transferring findings blacklists and tasks	Done		50% 
<a href="#">🔗 TS-12262</a>	Cannot set or alter alias without reanalysis	Done		0% 
<a href="#">🔗 TS-13151</a>	Fetch parent relationship of TFS work items	Done		0% 



# Test-Gap Analyse

**Mehr**  
**Effektivität**  
**&**  
**Effizienz**

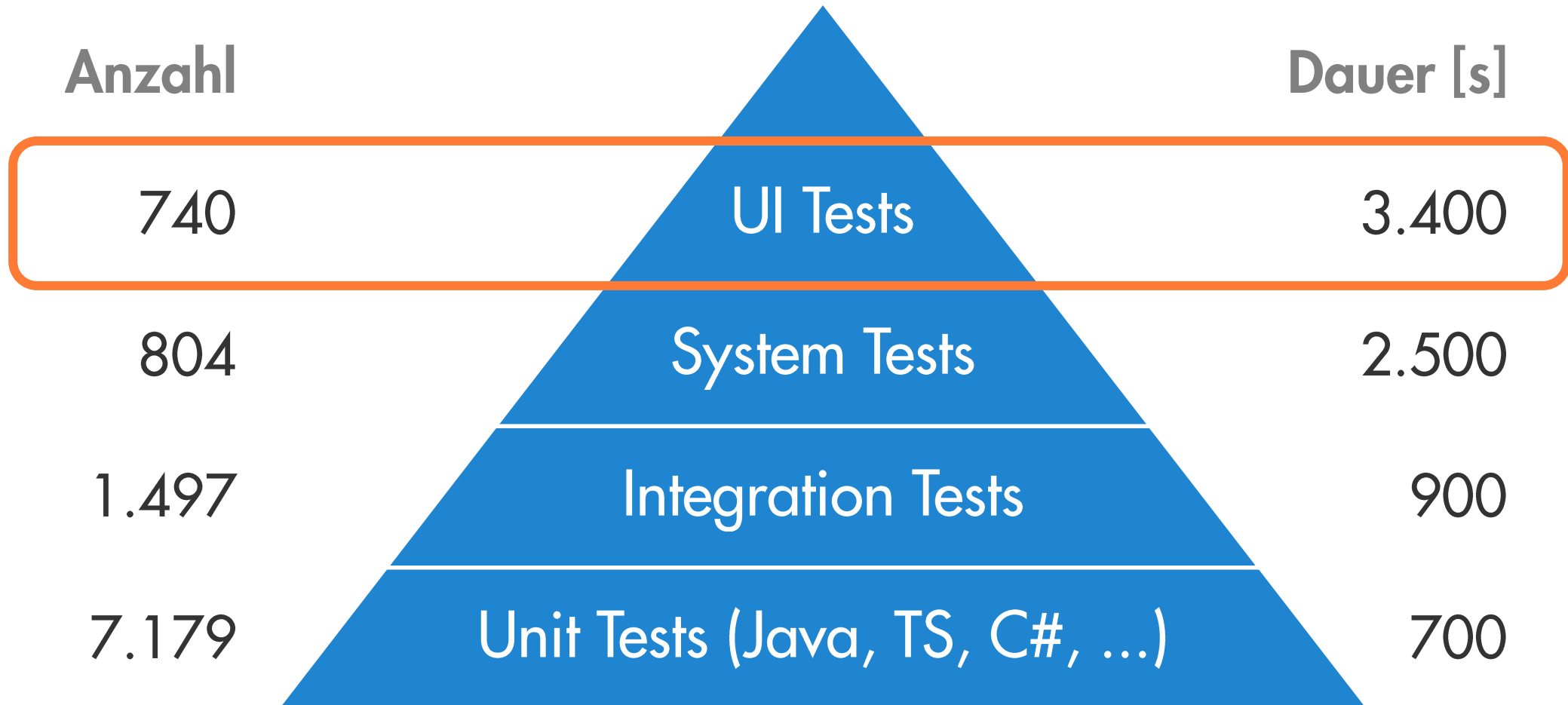


# Demo





















[www.teamscale.com](http://www.teamscale.com)

# Wie wir Teamscale testen



# External Credentials

























[+ New External Credentials](#)

System Type	Account Name	Actions	Projects
 Git	ABAP Repositories (file:///work-dir/sap.abap.system/)	 	
 Git	CQSE abapGit (https://github.com/cqse/abap-dev.git)	 	
 Multiple Systems	CQSE-JIRA (https://jira.cqse.eu/)	 	<a href="#">abap-cqi and 2 more</a>
 GitHub	Github Public (https://github.com/)	 	<a href="#">python-client and 3 more</a>
 Git	Github SSH (git@github.com:cqse/teamscale-profiler-dotnet.git)	 	
 Multiple Systems	Gitlab (https://git.cqse.eu/cqse/teamscale.git)	 	<a href="#">cqse-all-qc</a>



# External Credentials

[+ New External Credentials](#)

System Type	Account Name	Actions	Projects
 Git	ABAP Repositories (file:///work-dir/sap.abap.system/)	  	
 Git	CQSE abapGit (https://github.com/cqse/abap-dev.git)	  	
 Multiple Systems	CQSE-JIRA (https://jira.cqse.eu/)	  	<a href="#">abap-cqi and 2 more</a>
 GitHub	Github Public (https://github.com/)	  	<a href="#">python-client and 3 more</a>
 Git	Github SSH (git@github.com:cqse/teamscale-profiler-dotnet.git)	  	
 Multiple Systems	Gitlab (https://git.cqse.eu/cqse/teamscale.git)	  	<a href="#">cqse-all-qc</a>



Teamscale / TS-15717

# Enable deleting account credentials

- Edit
- Comment
- Assign
- More ▾
- Back to New

## Details

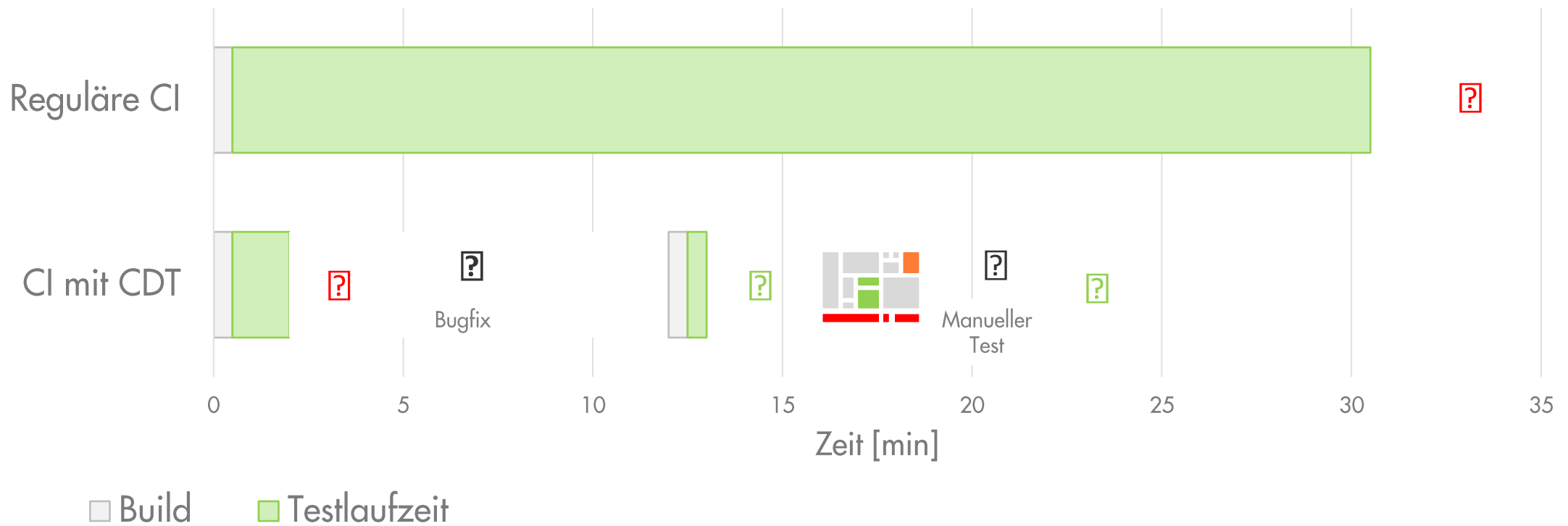
Type:	<span>+</span> Feature	Status:	<span>DONE</span> (View Workflow)
Priority:	<span>↓</span> Normal	Resolution:	Green
Component/s:	<a href="#">Web Interface</a>	Fix Version/s:	<a href="#">Teamscale 4.6</a>
Labels:	<a href="#">accounts</a> <a href="#">administration</a> <a href="#">easy</a> <a href="#">students</a>		
Merge Request:	<a href="https://git.cqse.eu/cqse/teamscale/merge_requests/3679">https://git.cqse.eu/cqse/teamscale/merge_requests/3679</a>		
Customer:	[REDACTED]		
PDash Task:	#4887		
Change Log:	Account credentials show a list of their assigned projects		

## Description

It would be useful for an admin to know which TS projects are configured to use a particular credential. Especially to locate unused credentials that can be deleted. This could be shown as a short list next to the credential name, similar to how we do this for the analysis profiles.

**Demo**

# Zusammenfassung



# Kontakt – Wir freuen uns auf Fragen 😊



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**CQSE**