



# Test Intelligence with Teamscale

## Live Demo

Elmar Jürgens, Jakob Rott

My slides are / will be available for you at:

[http://cqse.eu/atd\\_2022\\_livedemo](http://cqse.eu/atd_2022_livedemo)



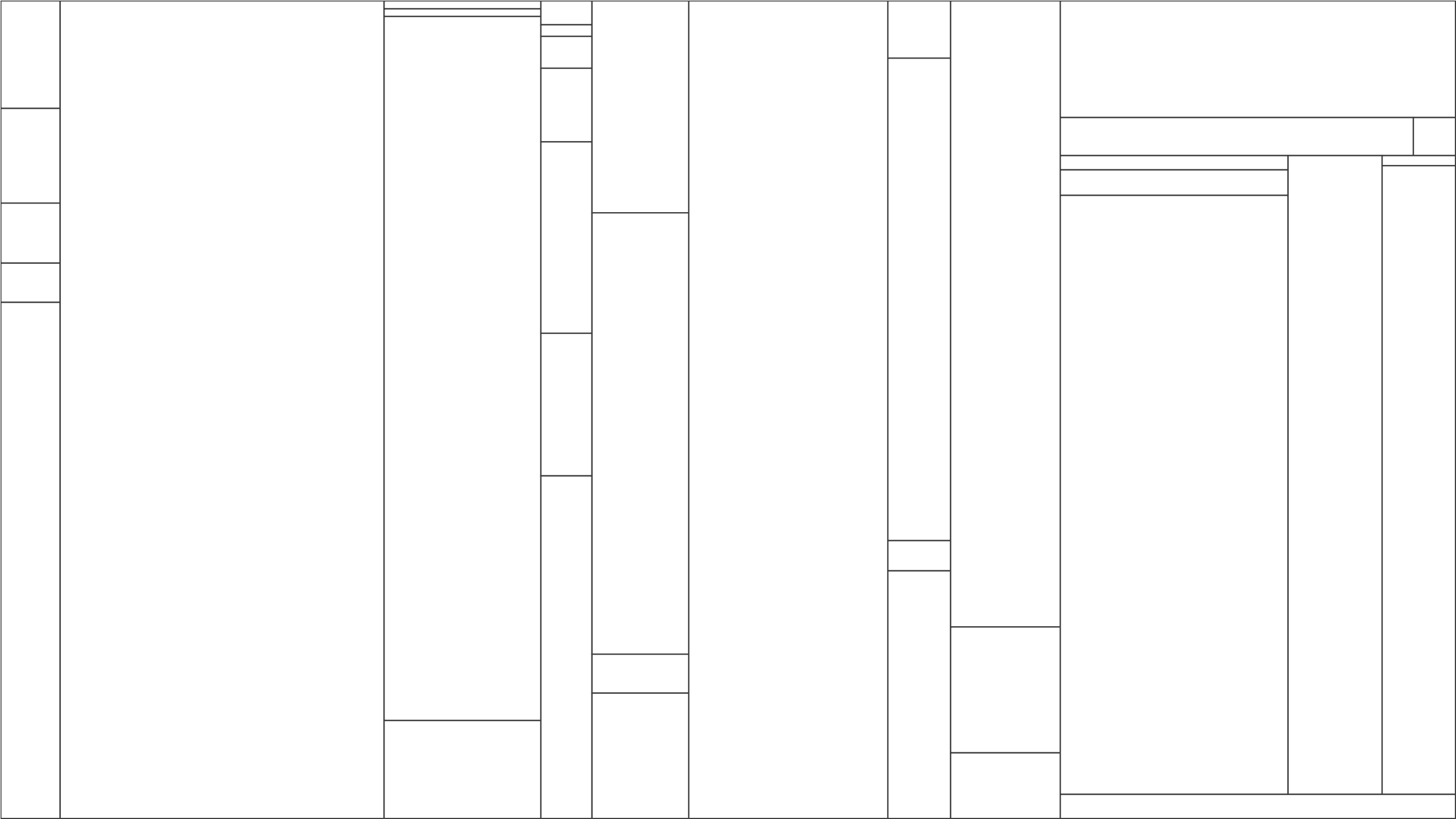


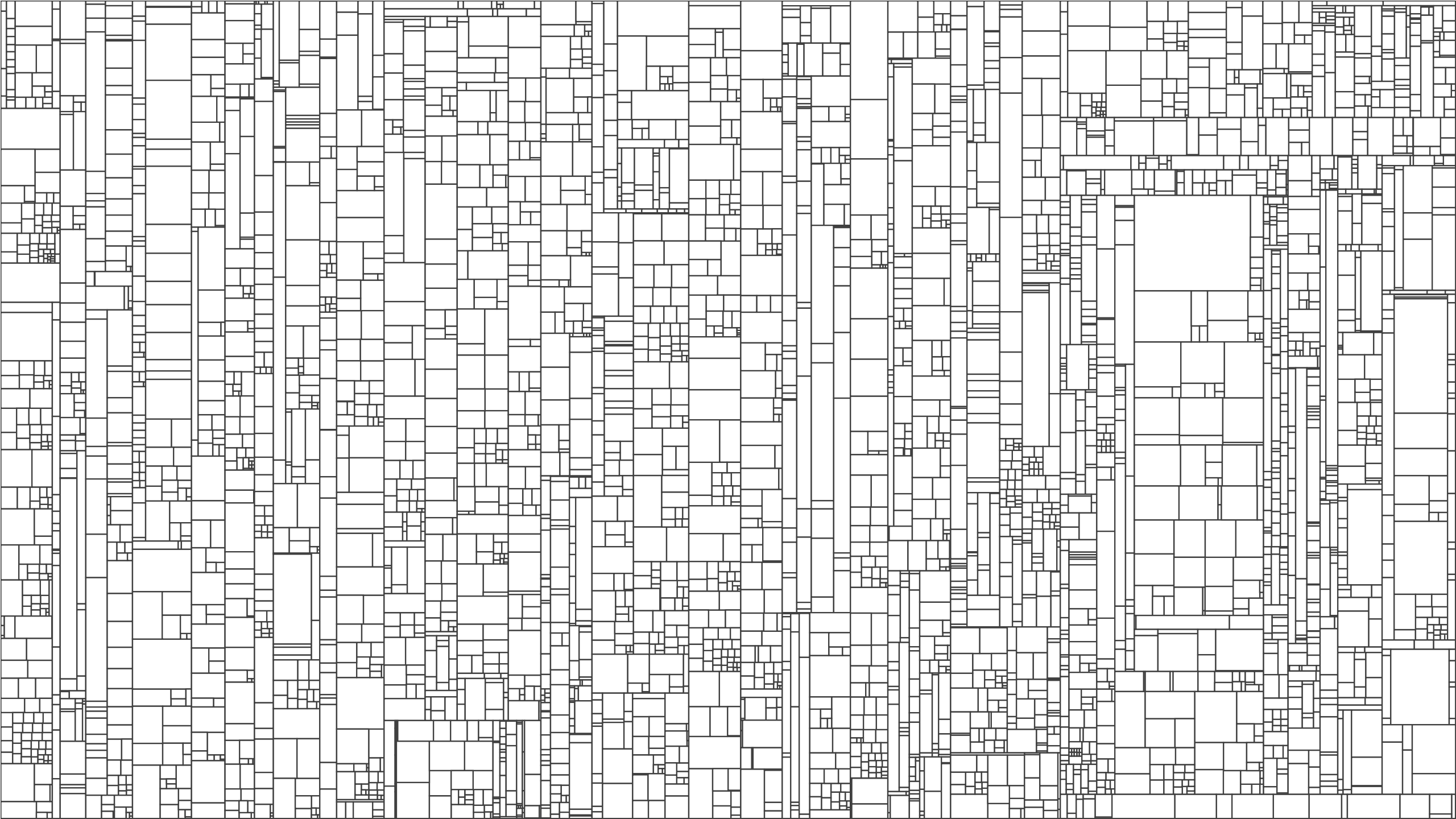
**More  
Effective  
&  
Efficient**

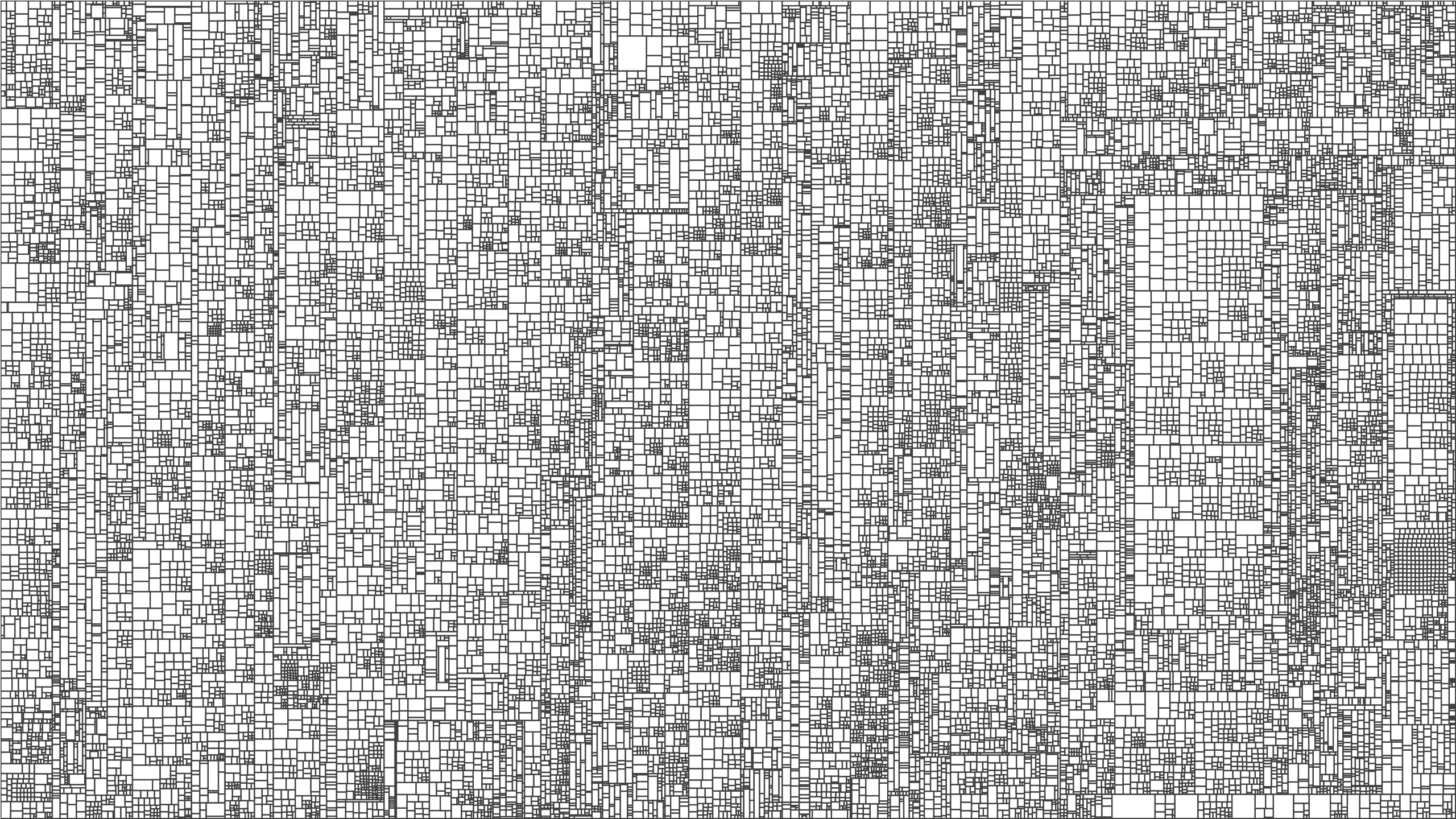


More  
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Efficient

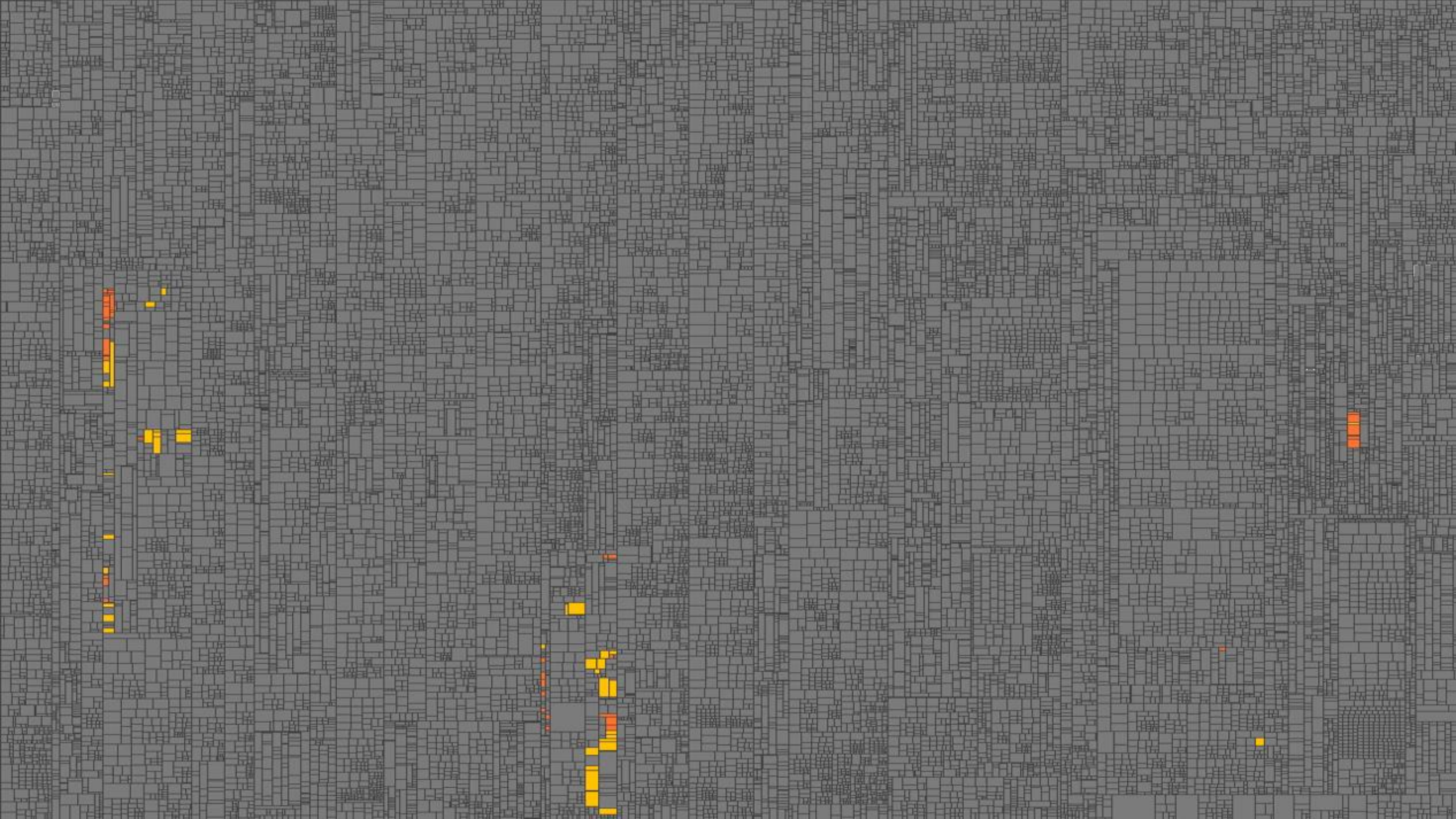




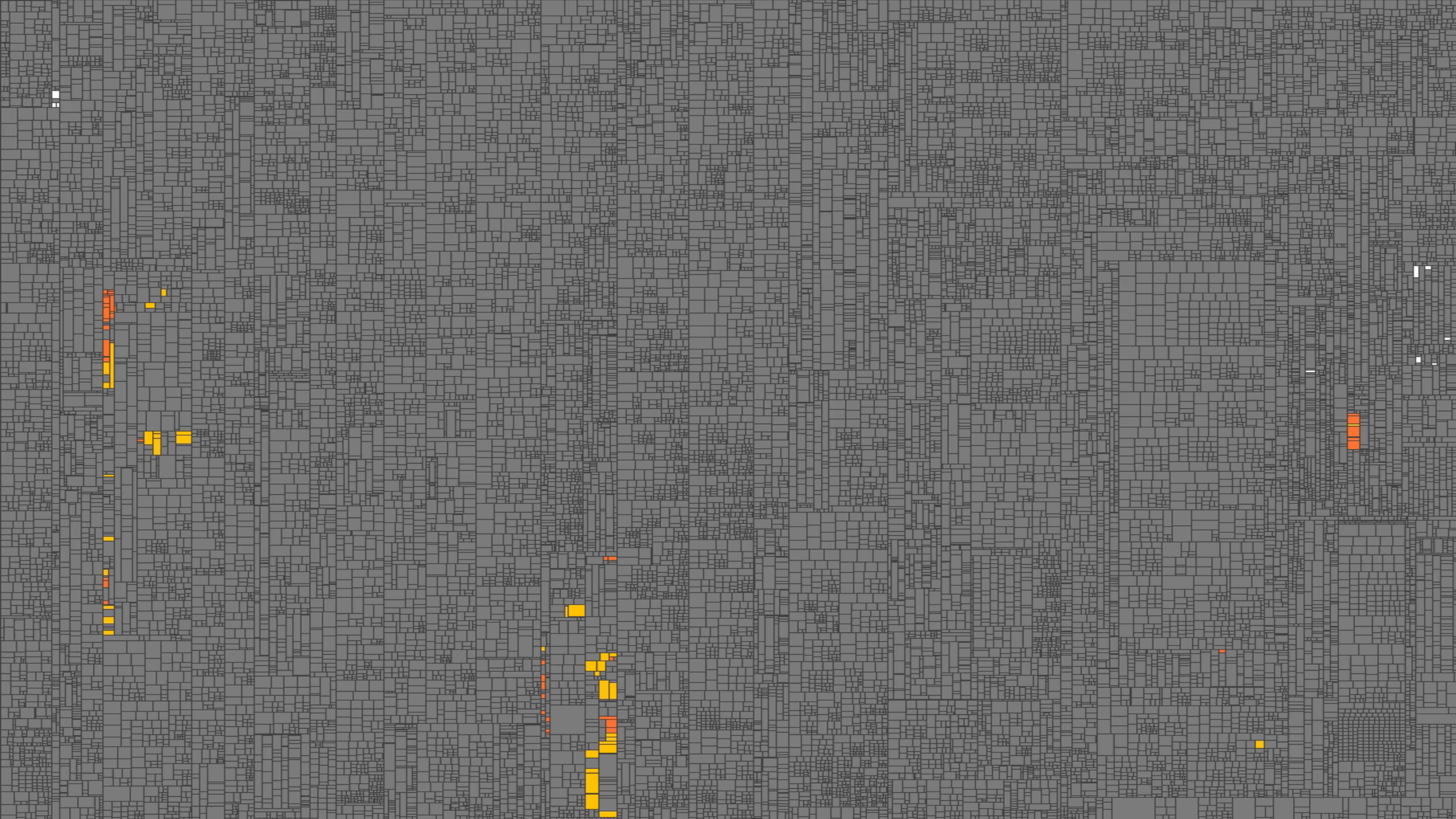


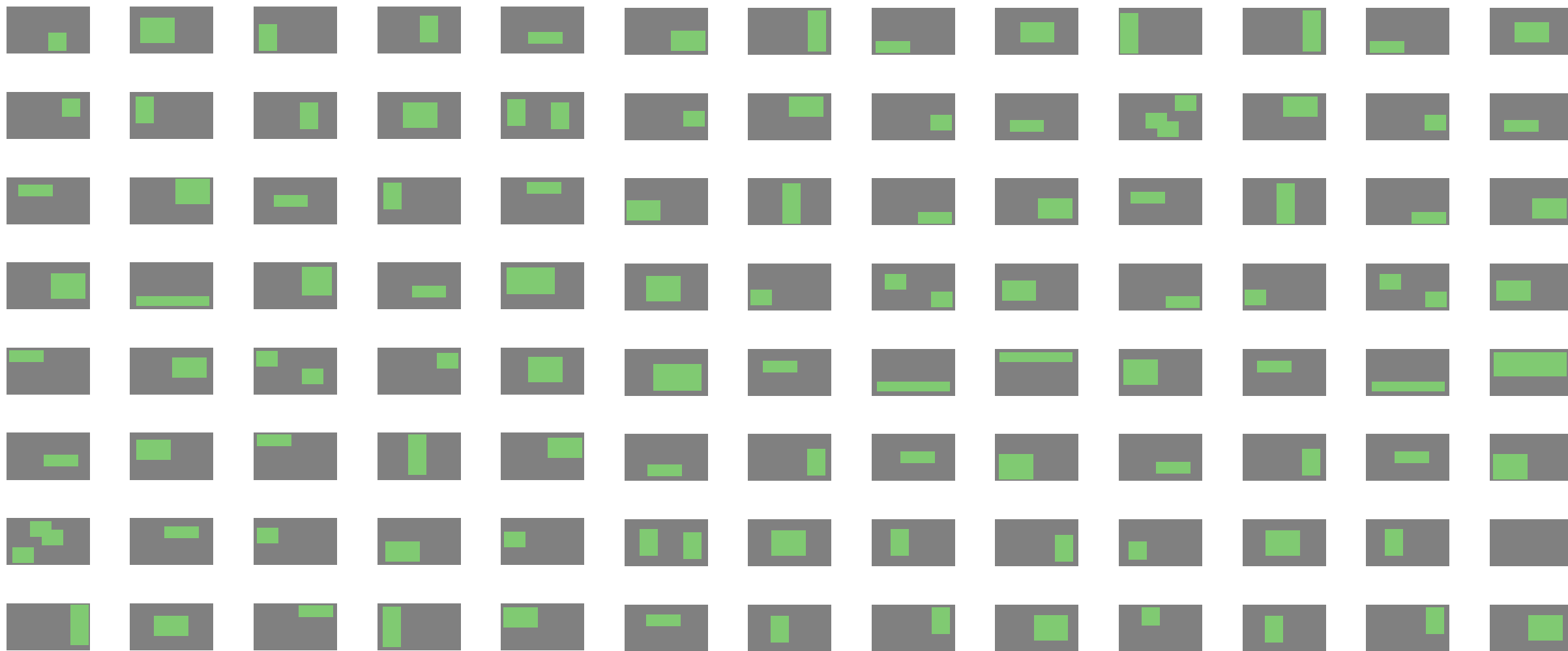








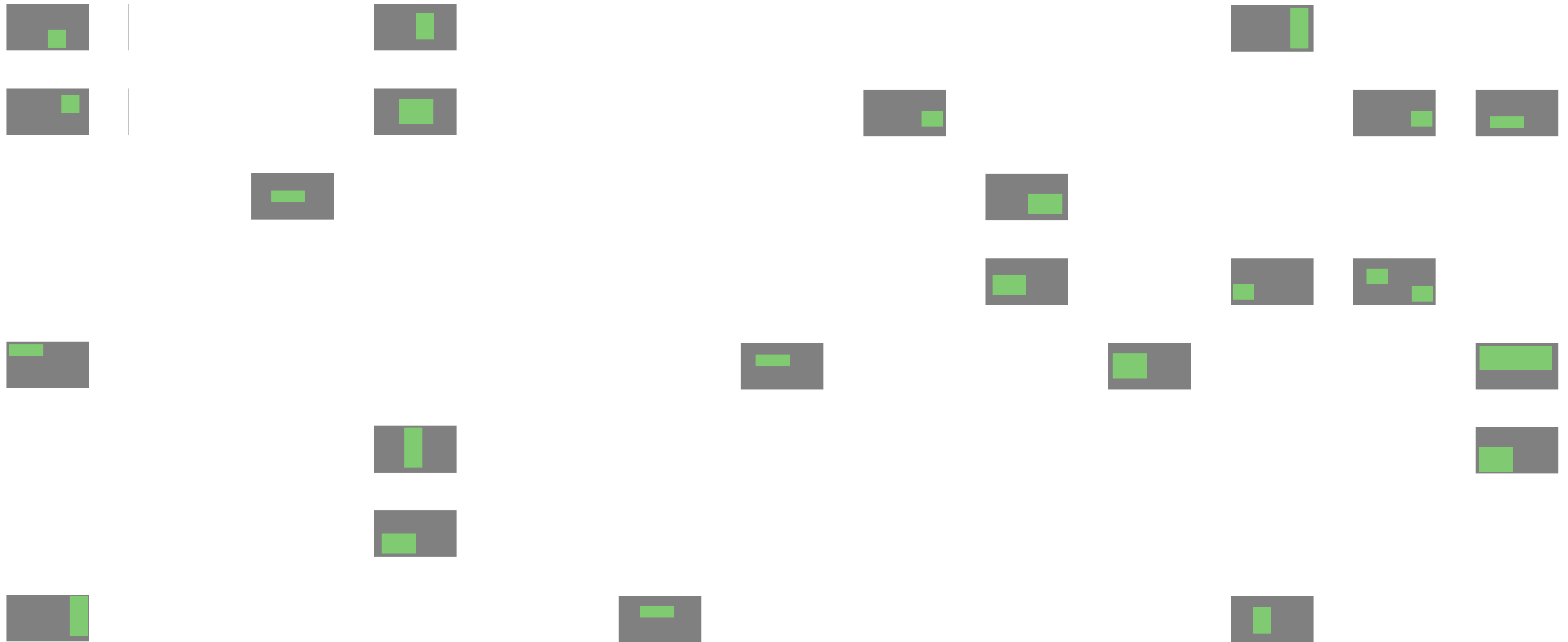




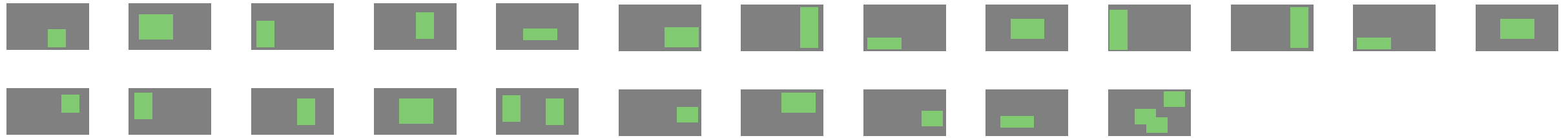
# Step 1: Selection of Impacted Tests



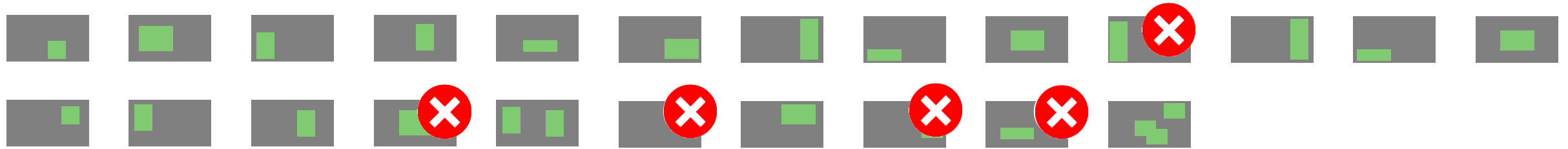
# Step 1: Selection of Impacted Tests



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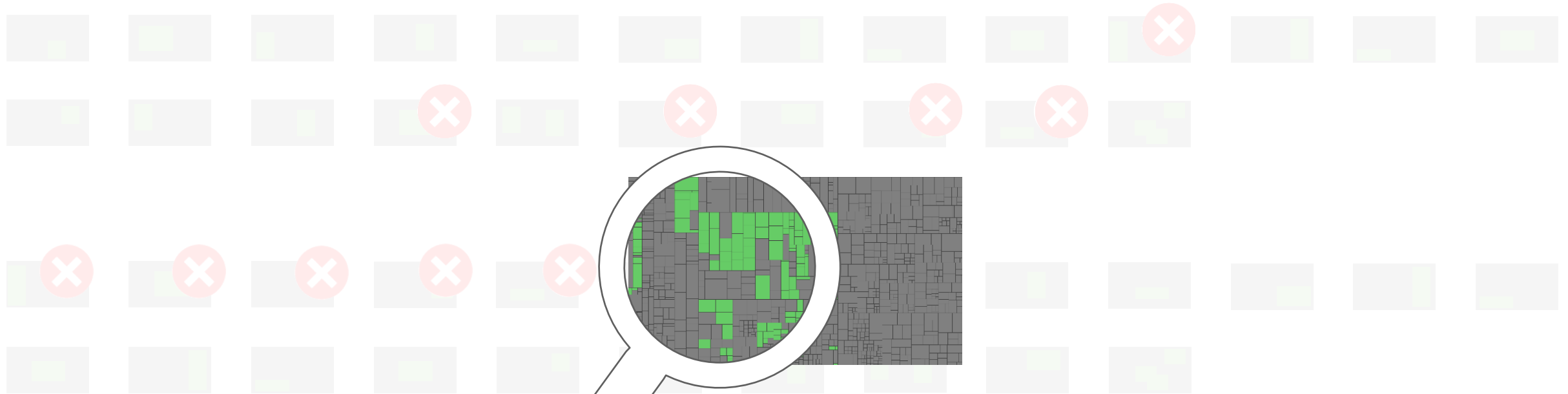
## Step 2: Prioritization of Impacted Tests







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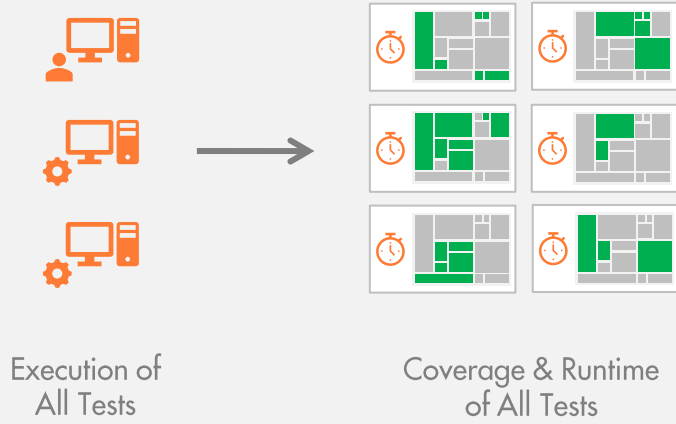
Change coverage

Execution time

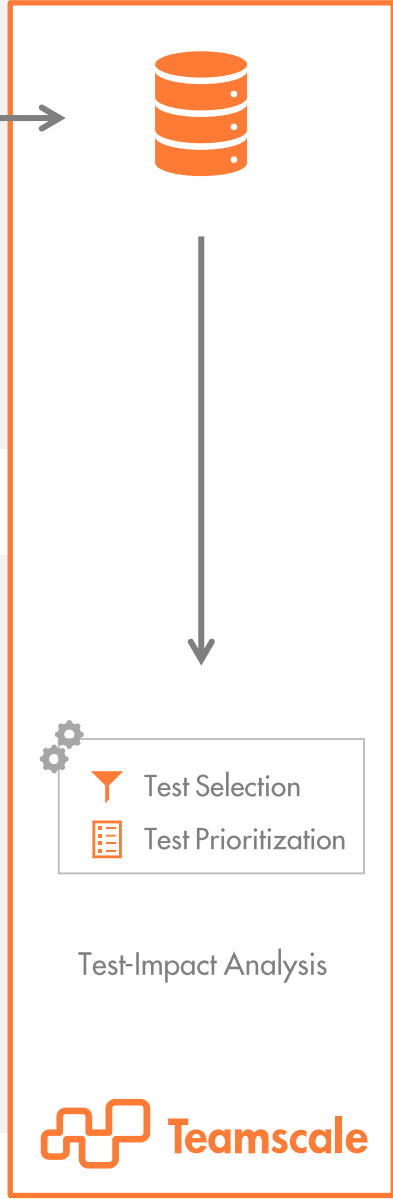
## Step 2: Prioritization of Impacted Tests



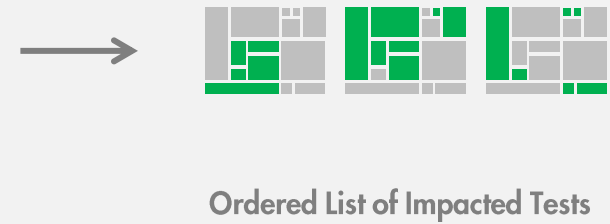
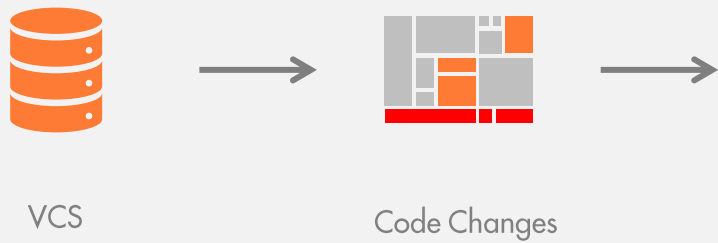
Initial Recording of all Tests

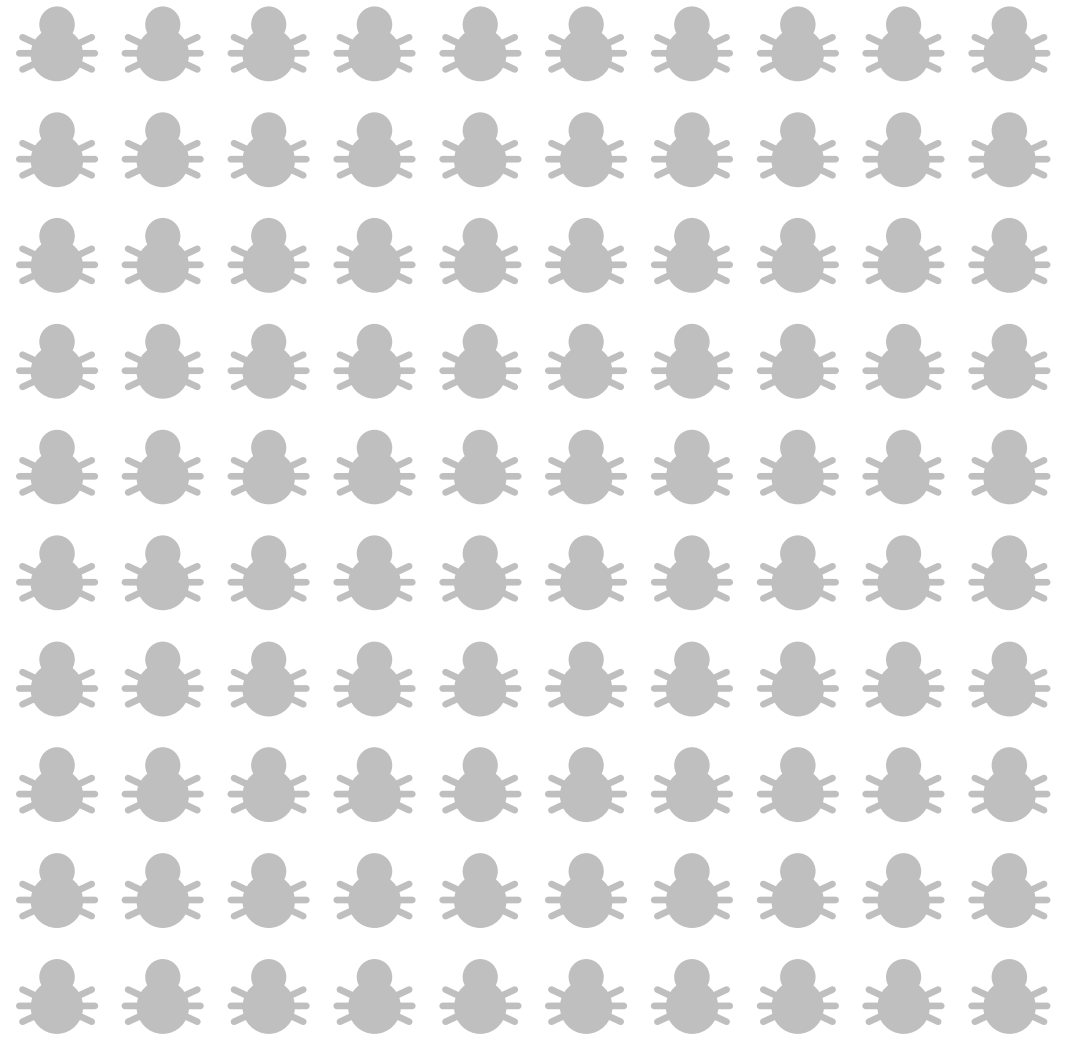
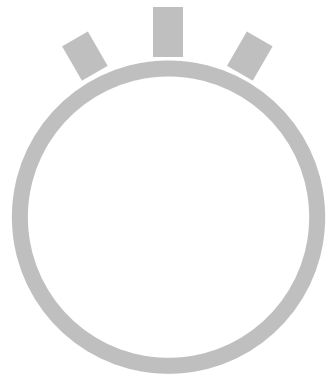


## Test-Impact Analysis



Test Execution after Changes







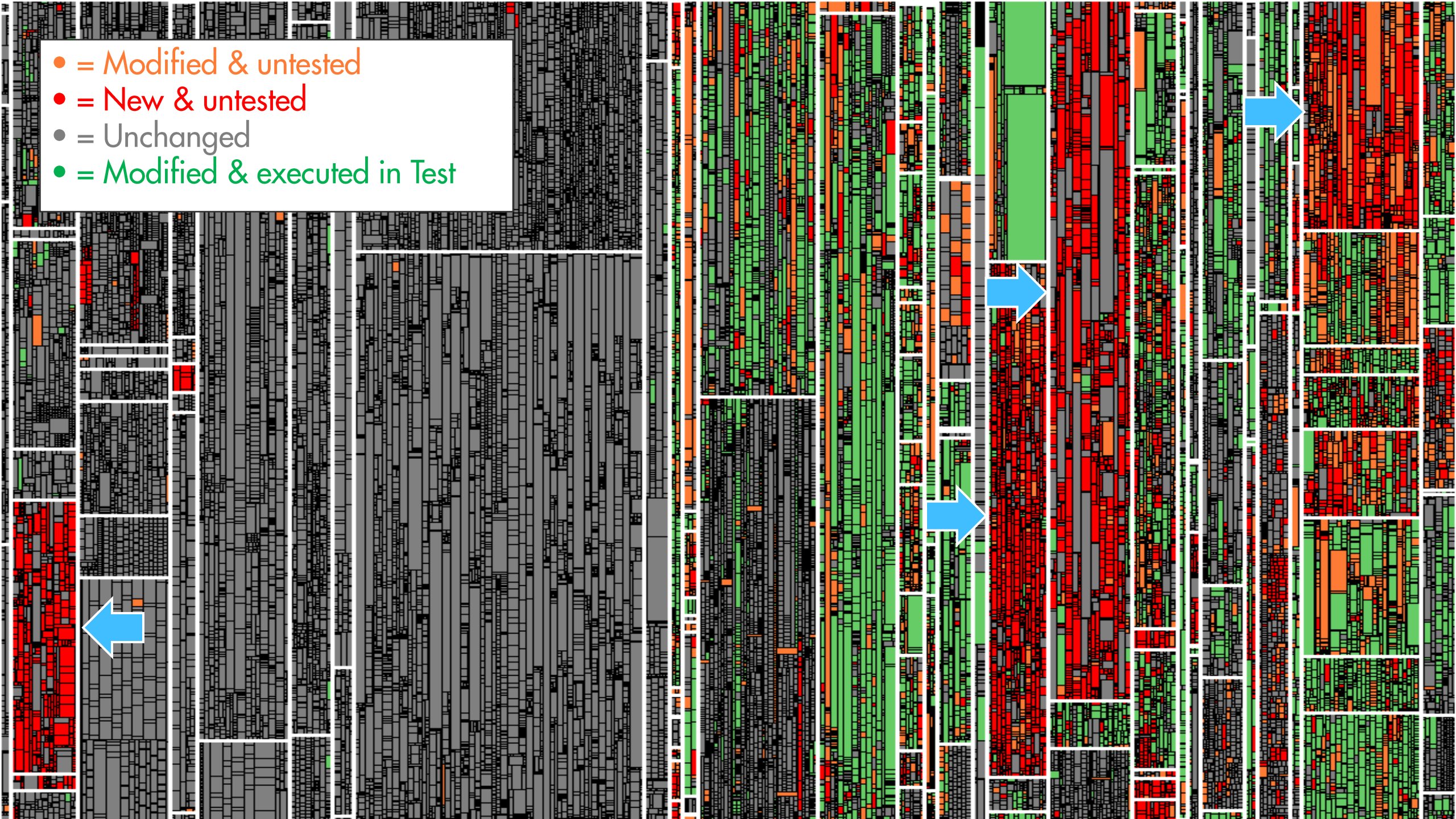




















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**Efficient**



- = Modified & untested
- = New & untested
- = Unchanged
- = Modified & executed in Test



Issue # ▾	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% 

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# Change-Driven Testing

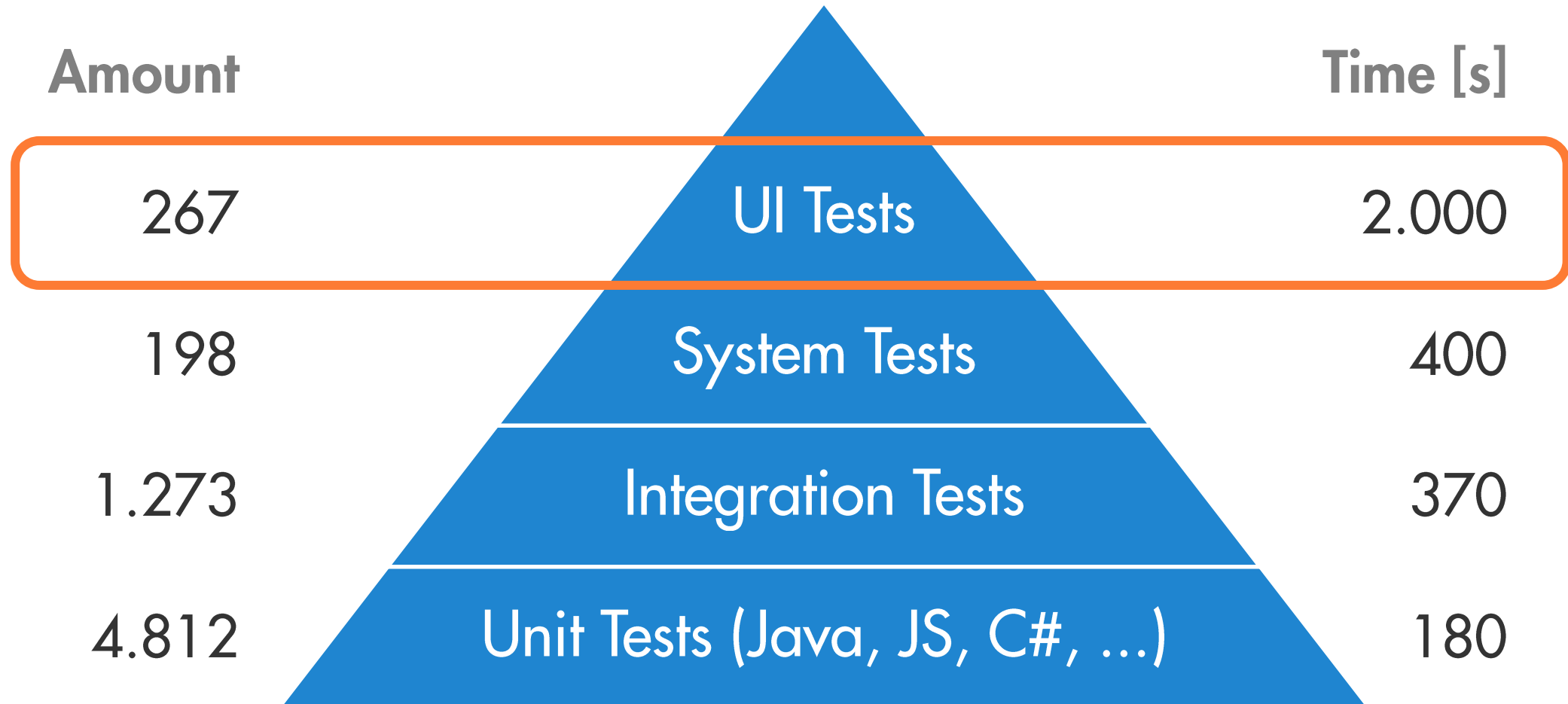


# Demo





















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

# How We Test Teamscale



























# 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

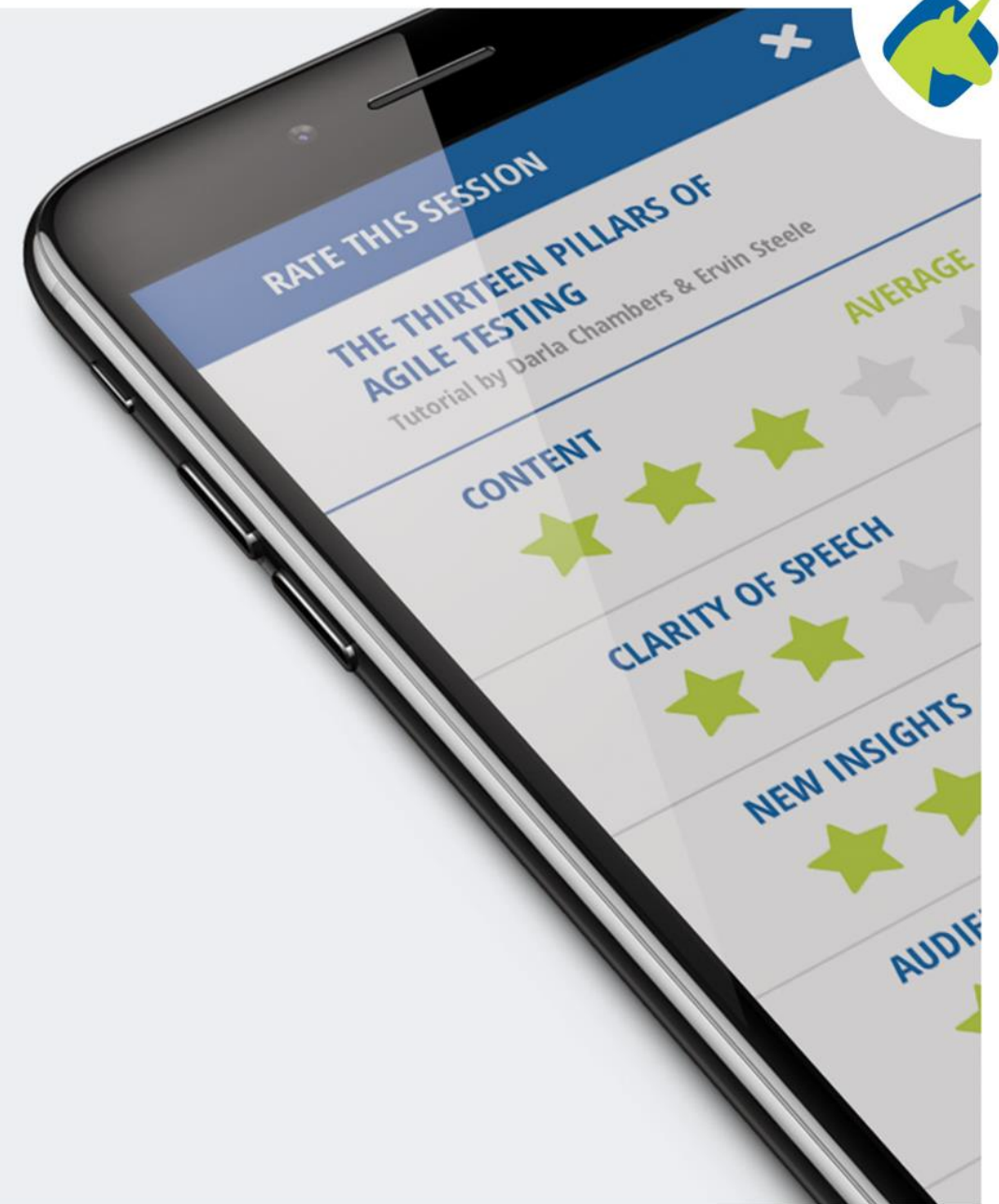
It would be useful for an admin to know which TS projects are configured to use a particular credential. Especially to locate unused credentials that can be deleted. This could be shown as a short list next to the credential name, similar to how we do this for the analysis profiles.

**Demo**



**Thanks for your attention!**  
Feedback welcome!

Go to [agiletestingdays.com/session-ratings](https://agiletestingdays.com/session-ratings)  
and give your rating!



# Contact – Looking forward to discussions 😊



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**CQSE**