



Software Intelligence Workshop 2016 ►► 2017

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25. Oktober 2017

Wie wartbar ist unser Code?

Wo sind Lücken in meinem Test?

Ist unser Code konform zur Architektur?

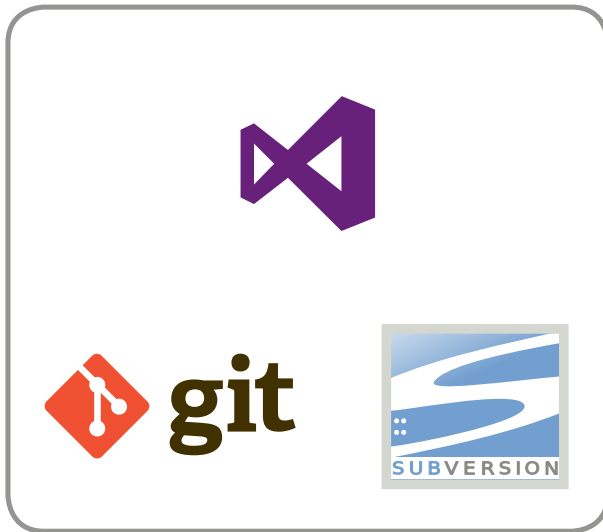
Wie hat sich meine Code-Qualität verändert?

Welche Systemteile sind am stärksten fehlerbehaftet?

Welche Änderungen wurden nicht gereviewed?

Welche Features werden nie genutzt?

Gibt es Kopfmonopole?



VCS



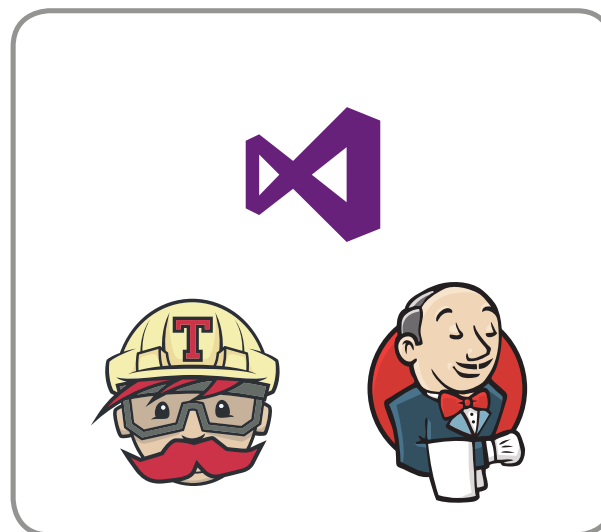
Issue-Tracker



Log-Dateien



Test-
Werkzeuge



Build-Systeme

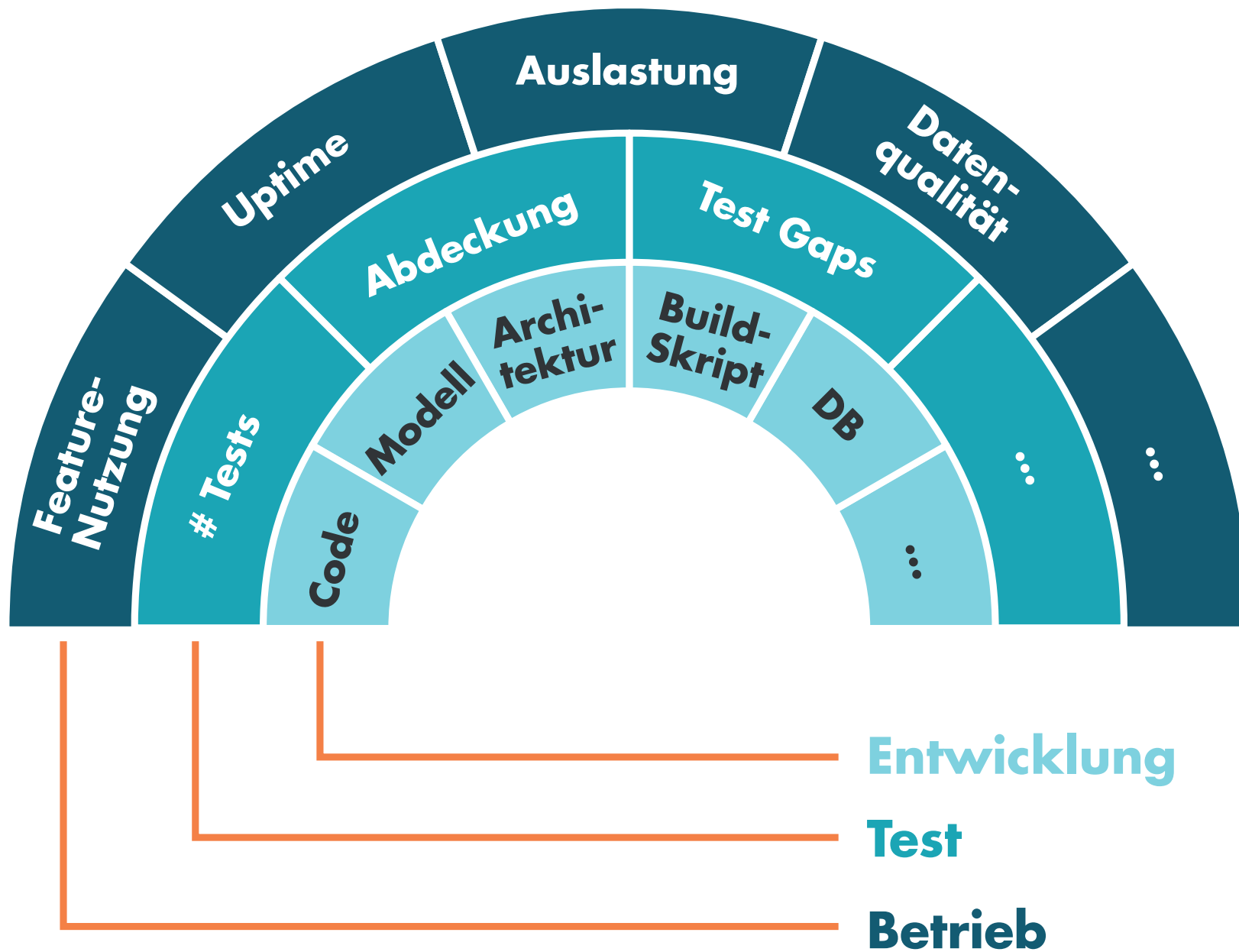


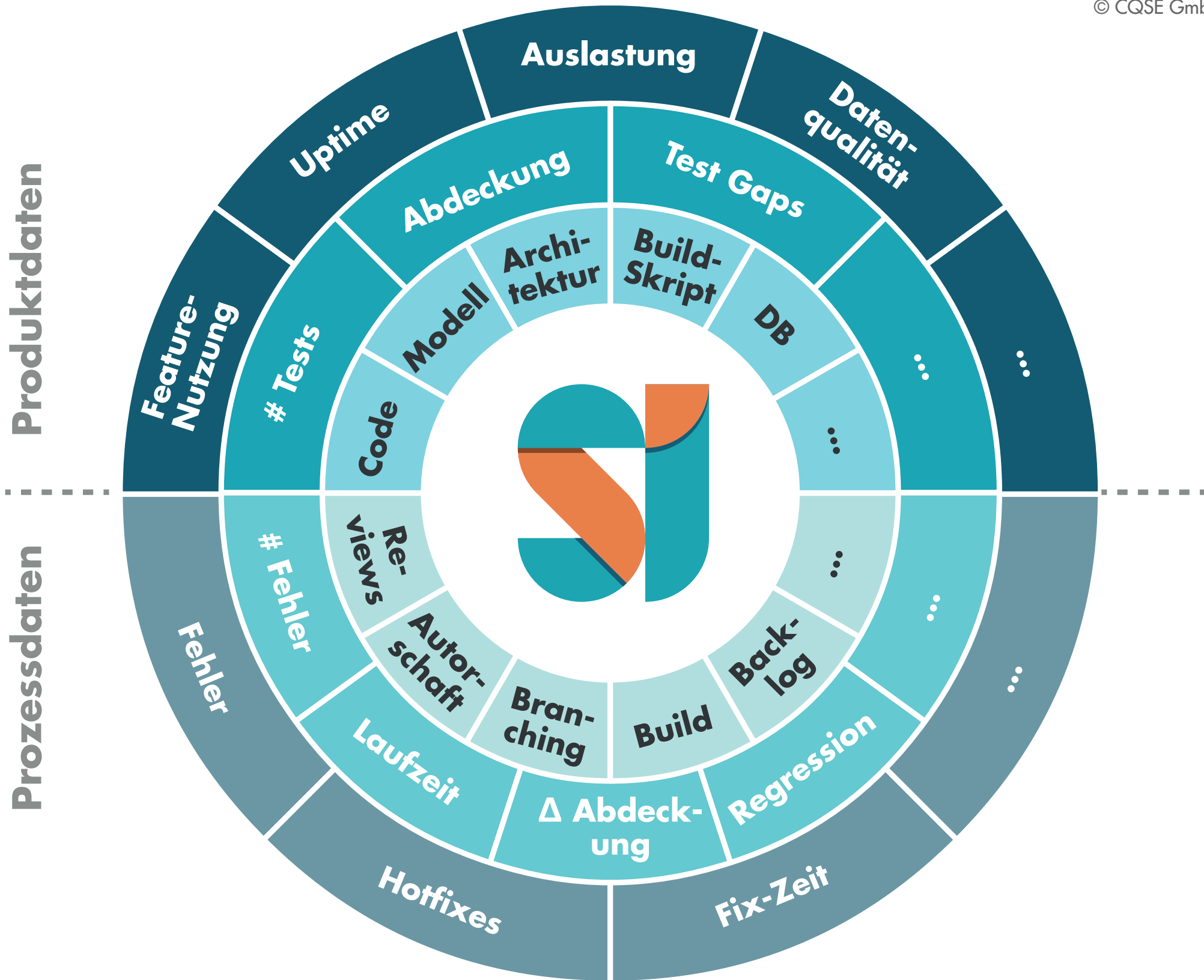
Monitoring-
Systeme

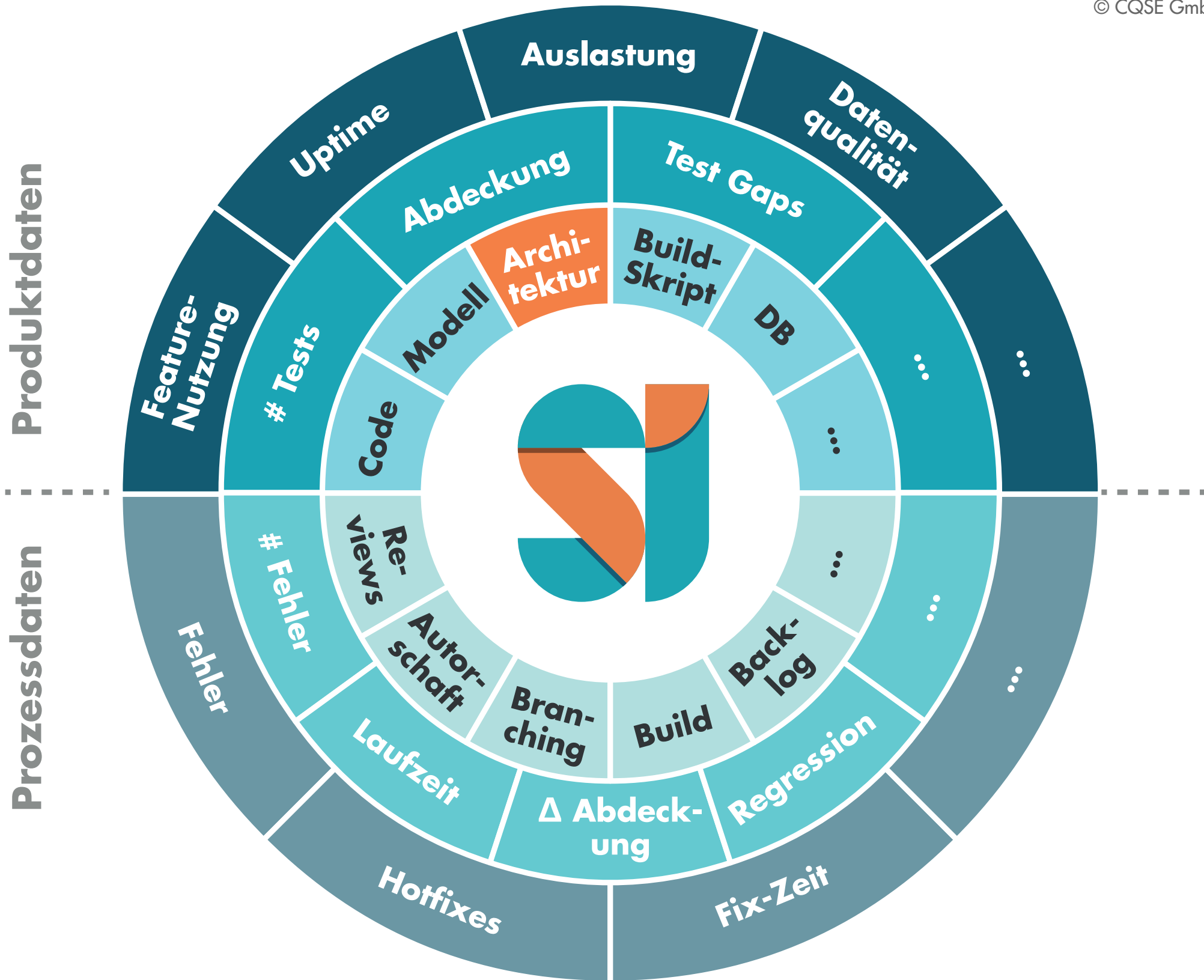
Business Intelligence

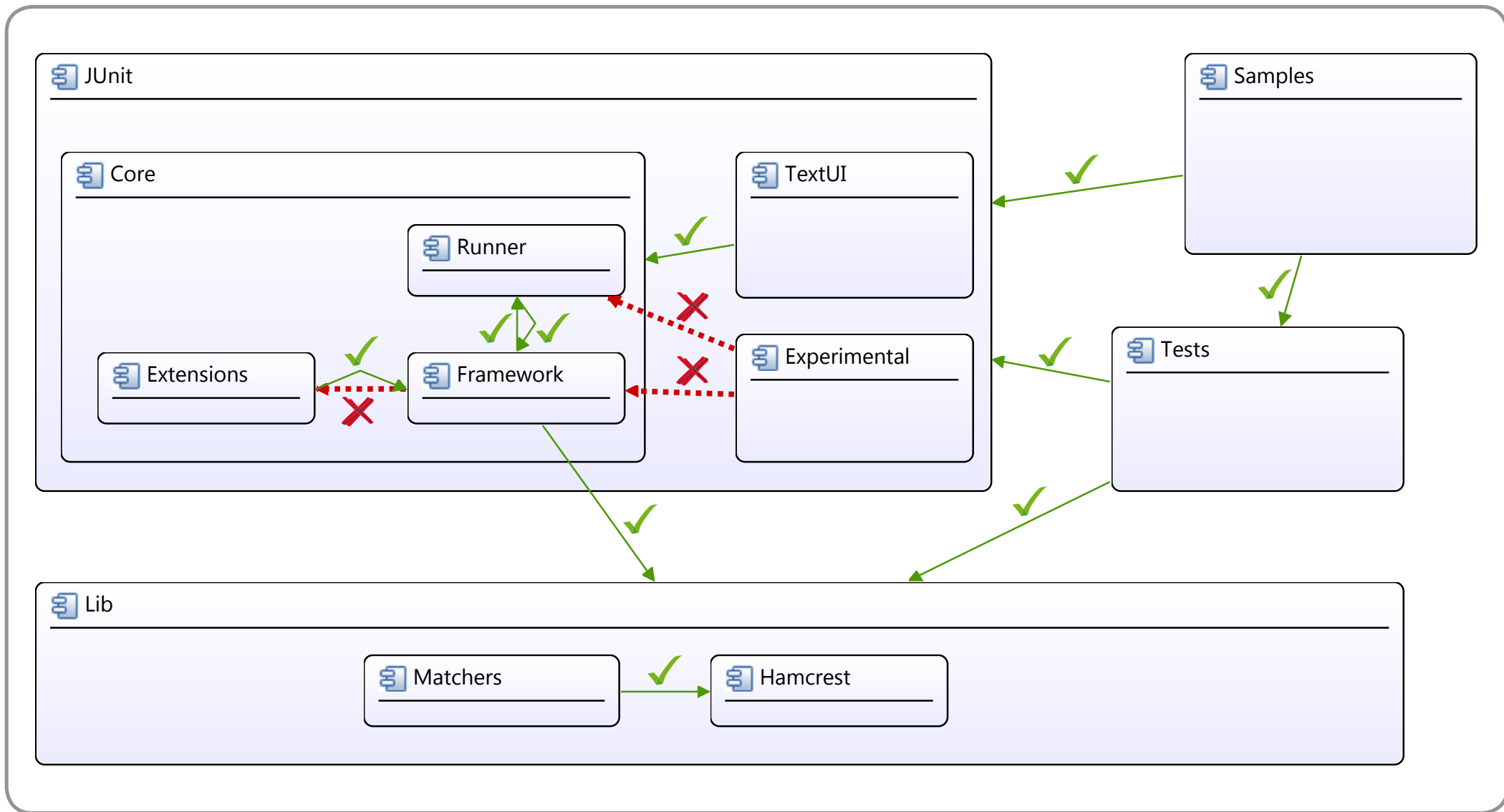


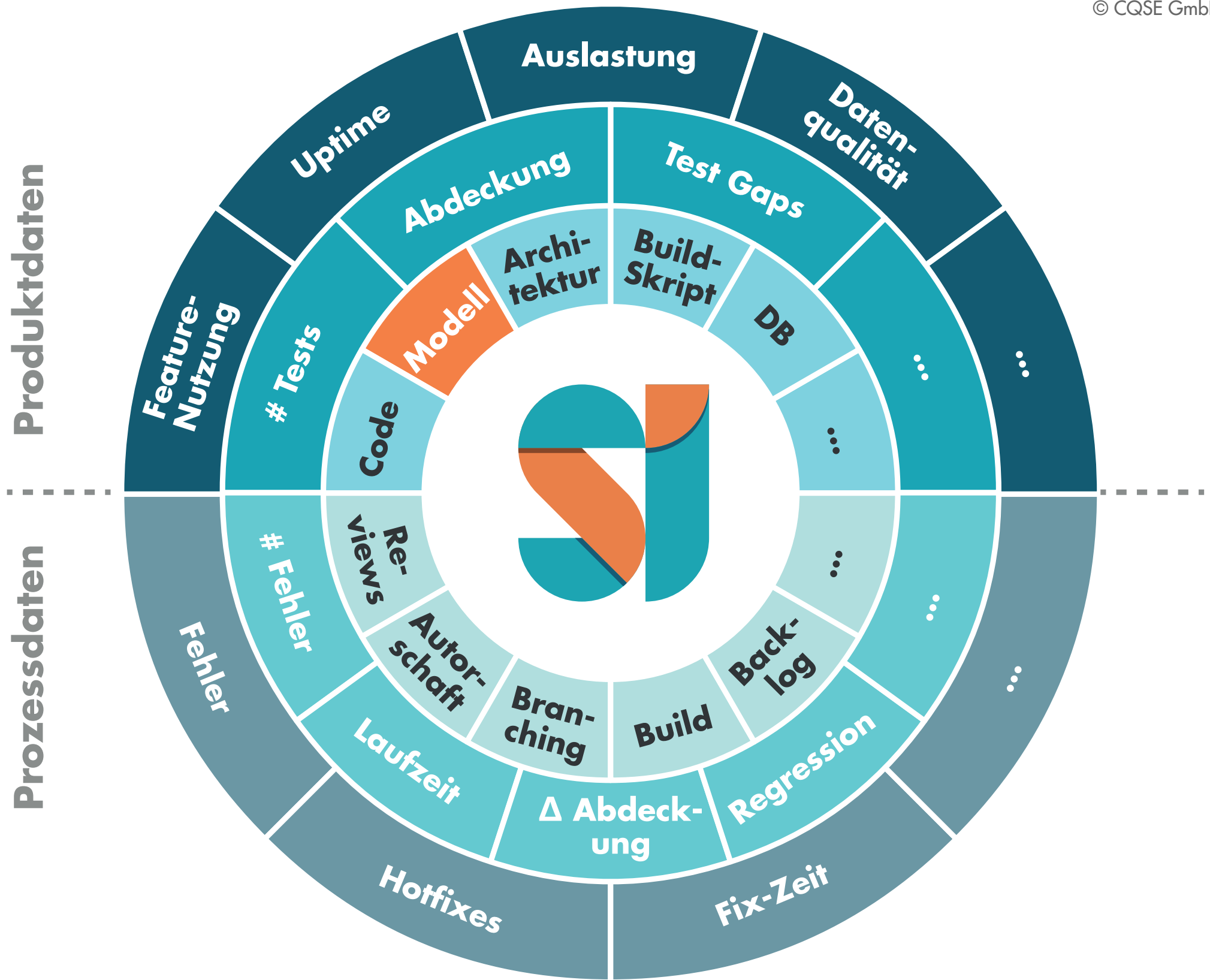
»A set of **techniques** and **tools** for the acquisition and transformation of **raw data** into meaningful and useful information for **business analysis purposes**.«













Dashboard

Activity

Findings

Tasks

Code

Audit

Architecture

Delta

Projects

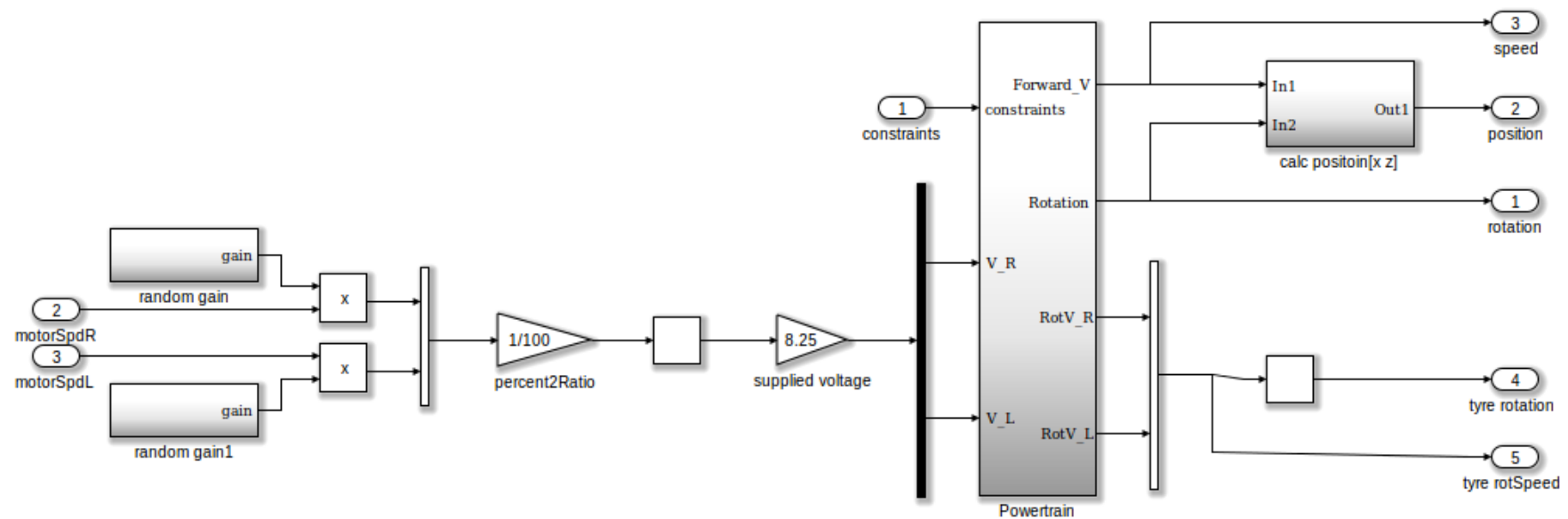
System

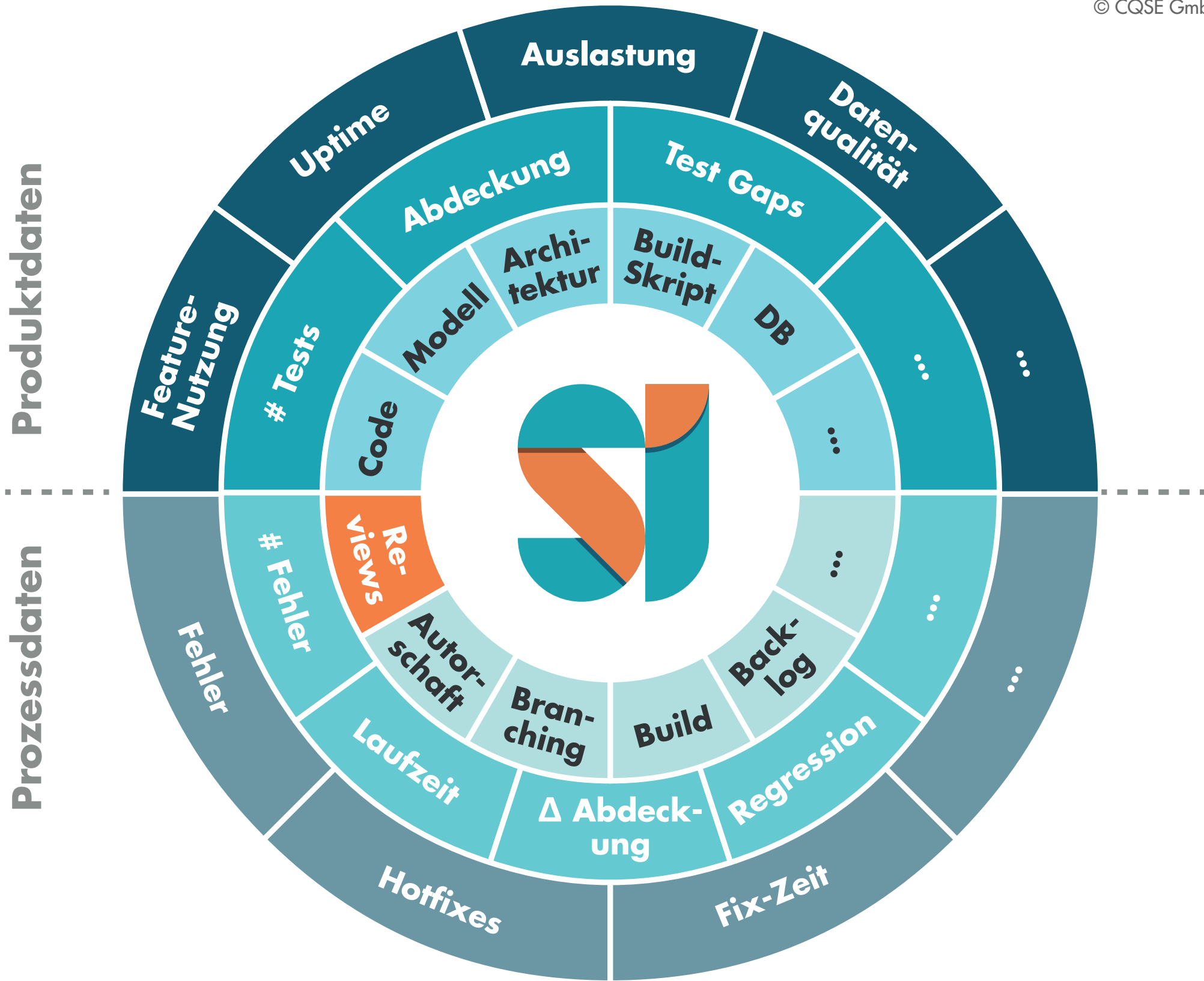
Admin

v mdl

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More ▾

[lib](#) ▶▶ [org.conqat.lib.simulink](#) ▶▶ [test-data](#) ▶▶ [org.conqat.lib.simulink.smoke](#) ▶▶ [internal_nxtmouse.mdl](#) ▶▶ [Robot_Mechanics](#)



```
240
241
242 » /**
243 »  * A cloned method (for demo purposes) */
244 » */
245 » private void init(List<N1> nodes1, List<N2> nodes2, IWeightProvider<N1, N2> weightProvider) {
246 »     »     if (nodes1.size() <= nodes2.size()) {
247 »         »         »         size1 = nodes1.size();
248 »         »         »         size2 = nodes2.size();
249 »         »         »         swapped = false;
250 »         »         } else {
251 »         »         »         size1 = nodes2.size();
252 »         »         »         size2 = nodes1.size();
253 »         »         »         swapped = true;
254 »         »         }
255 »         »         this.nodes1 = nodes1;
256 »         »         this.nodes2 = nodes2;
257 »         »         this.weightProvider = weightProvider;
258 »         »         weightCache = new Double[nodes1.size()][nodes2.size()];
259 »     }

```

Teamscale

4:20 PM

Clone with 2 instances of length 12

<http://shade:8080/findings.html#details/event-calendar/?id=F1F0E15A6E04F9B185698CBFE5304E2F&t=gerit-lbc75c3a1cef239f688e2e01db1a8fec3e22fef1e:1505485193000>

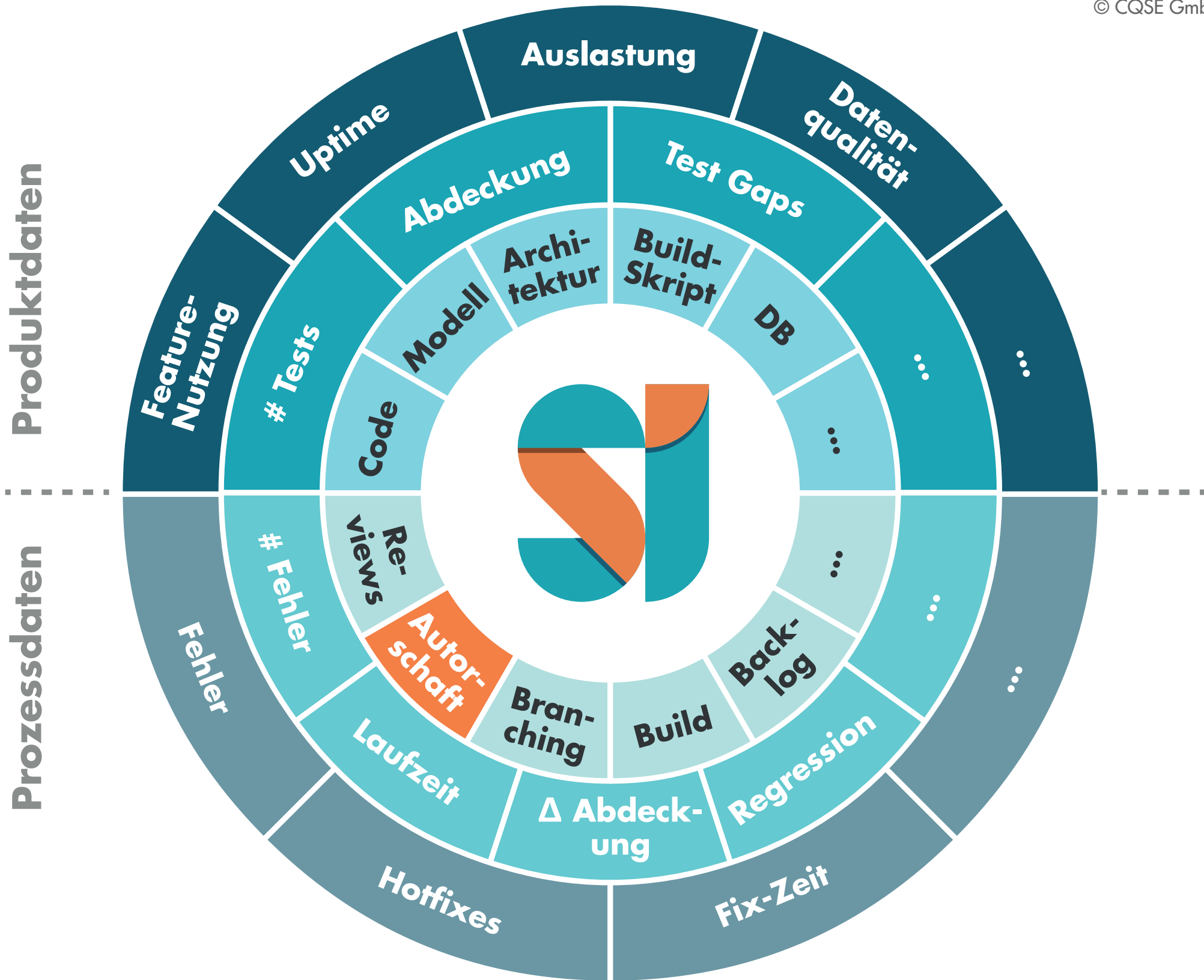
Reply

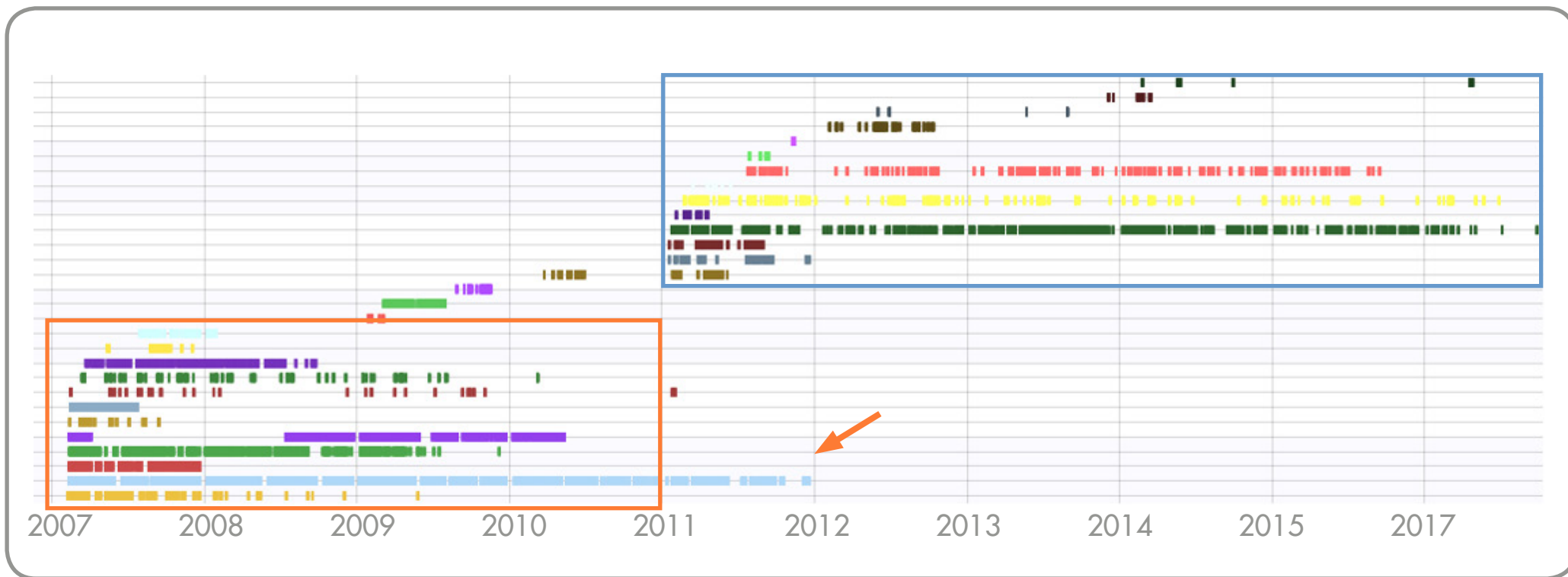
Quote

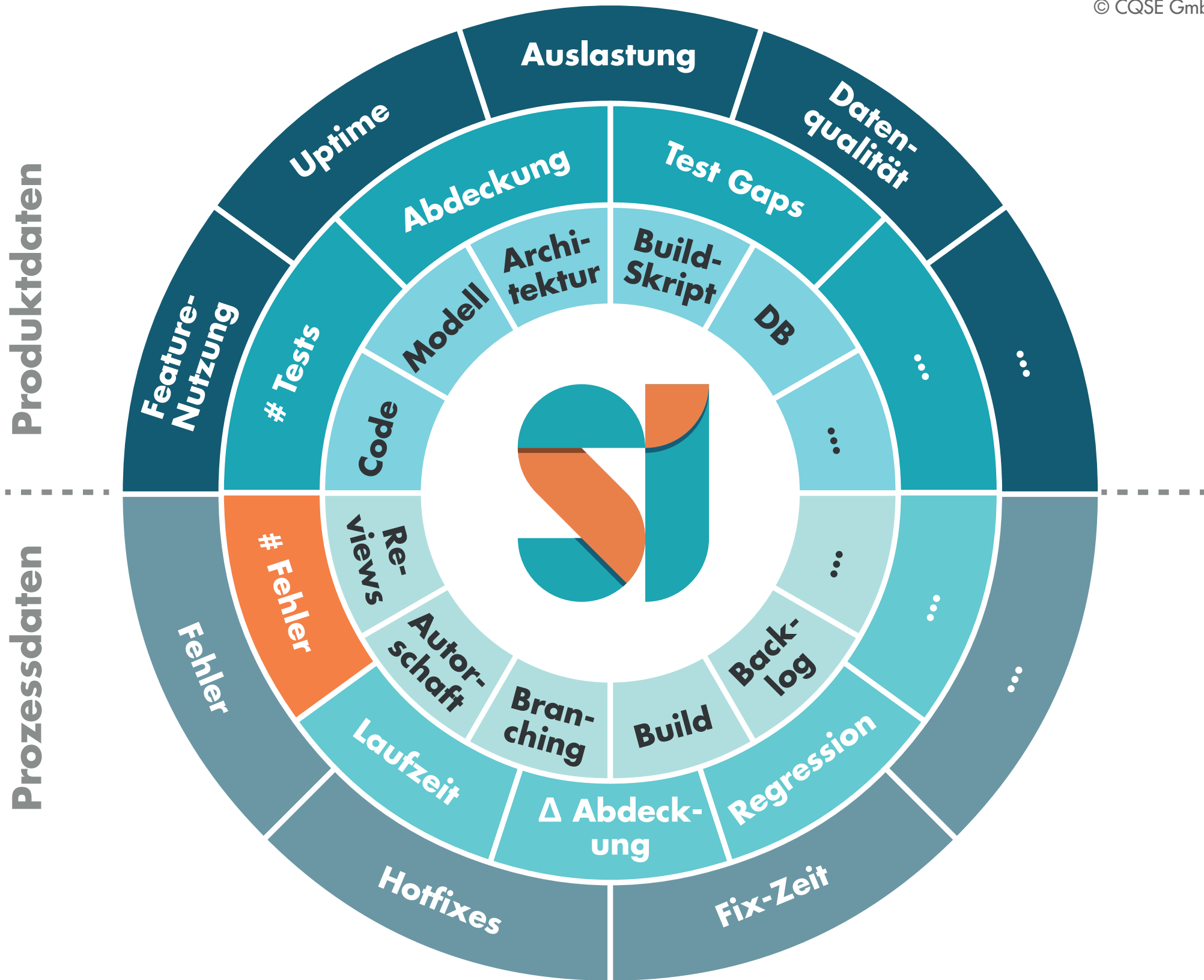
Done

Fix

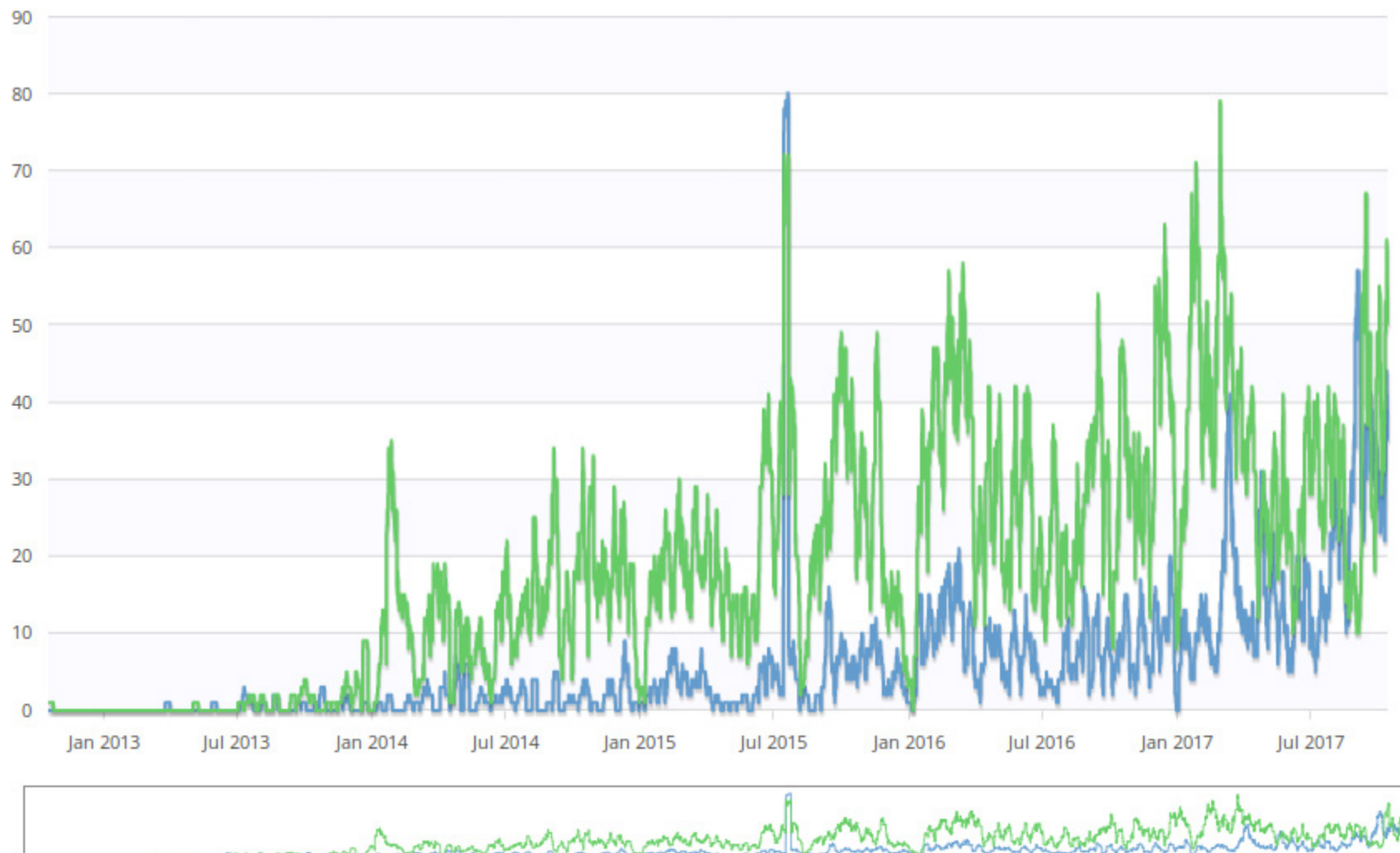
```
260
261 }
```

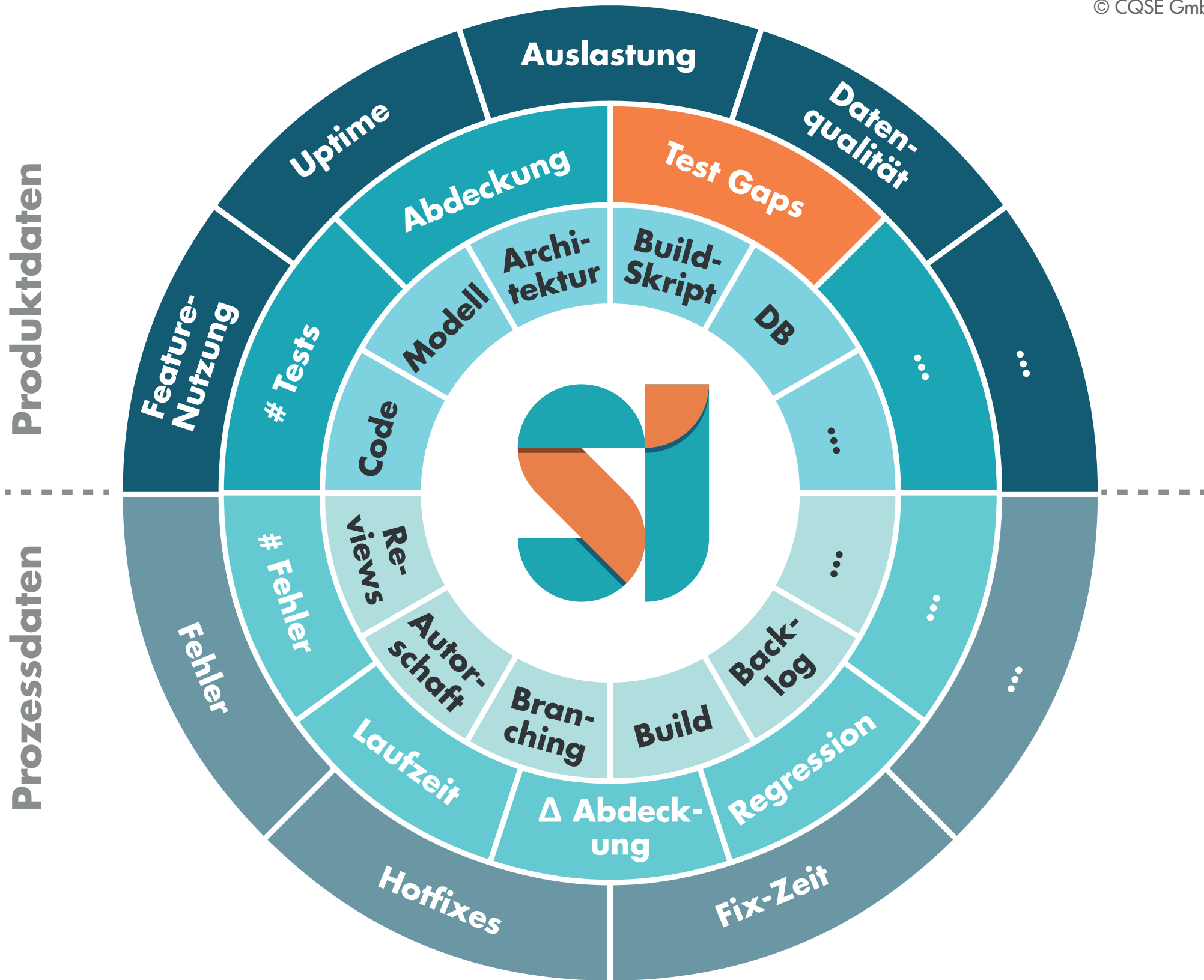






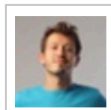
Ticket creation/closing rates



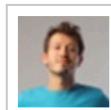




Issue details:

110: Added smooth erase tool (»Closed«)

Created by
Cameron White
on Nov 30 2015 07:35



Assigned to
Cameron White

[Open in bugtracker](#)

Last updated on Dec 04 2015 07:35


Added a combobox in the toolbar to change the type of the erase tool.

 Affected files (1)

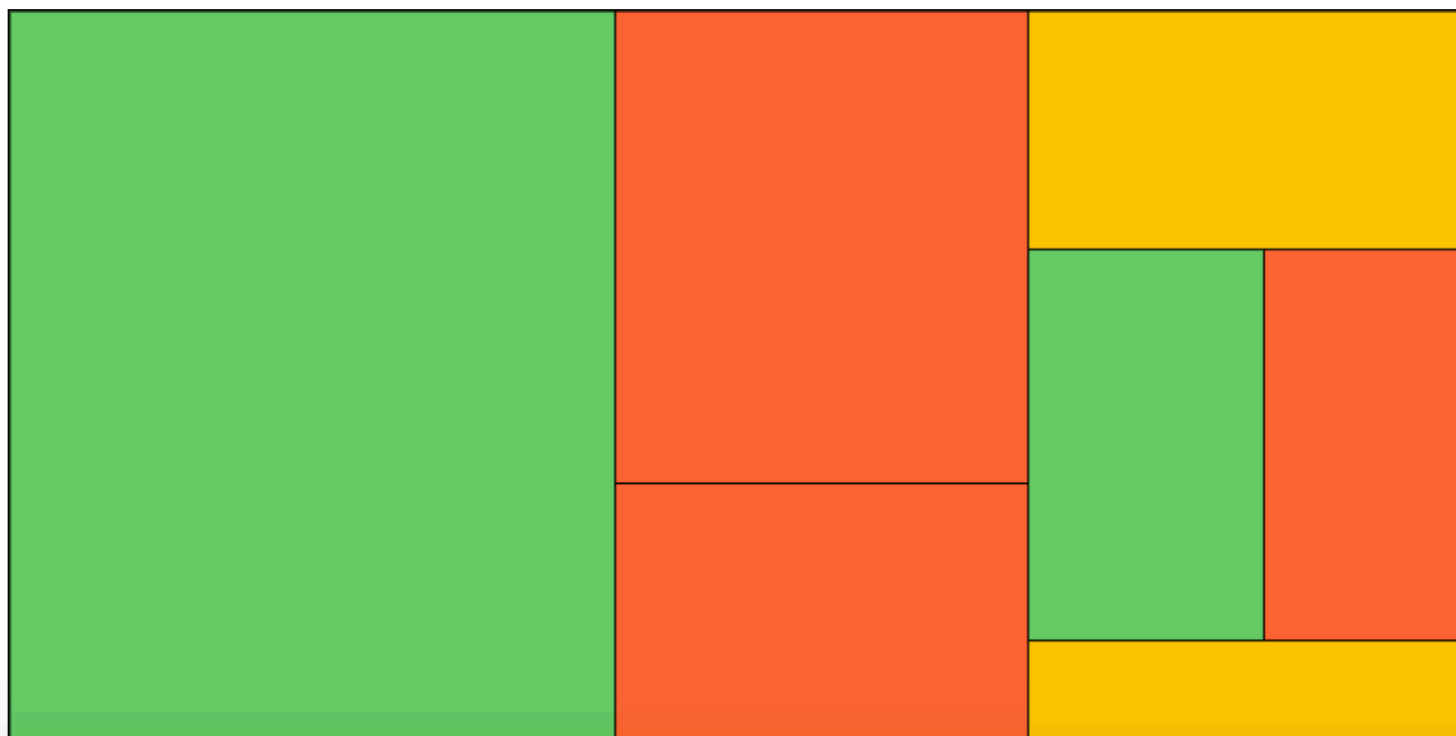
Path**Change type (aggregated)**



















[Pinta.Tools/Tools/EraserTool.cs](#)

changed

 Test Gap Treemap

[Dec 04 2015 05:14 - now](#) | [Test Gap: 71.43%](#)



Number	Subject	Ticket Coverage
 TS-4928	Icons for buttons in Dashboard Edit UI	0.0%
 TS-5227	See full revision history of (deleted) files	20.0%
 TS-5241	Support inconsistent clones	74.0%
 TS-5253	Storing file unit size in chunks	100.0%
 TS-5291	Provide means to filter/not report LSL findings for JS constructors (in our code)	0.0%
 TS-5433	Case-insensitive file name support for IDE Plugins	7.0%
 TS-5469	Adding/removing metrics to chart widget changes colors of other metrics	33.3%
 TS-5557	Ratio metric is shown in percentage format but boundary values are interpreted as float	14.2%
 TS-5666	IDE VS > VS Client should show visual feedback for finding location	0.8%
 TS-5667	IDE VS > VS Client should jump to the tracked finding position on selecting a finding from the finding window.	40.0%
 TS-5730	Provide visual feedback / hide menus for files not mapped to teamscale in VS-IDE	100.0%
 TS-5834	Beautify start page of architecture perspective	100.0%
 TS-6088	Allow to inspect clones by clone class	90.0%
 TS-6099	Show 'potentially outdated' nightly finding more defensively	50.0%
 TS-6183	Refactor project mappings?	75.0%
 TS-6211	Several improvements to Teamscale IDE	66.7%
 TS-6213	Allow to filter displayed findings to files with local modifications	55.0%
 TS-6292	Connector validation should also check other fields, like include patterns	0.0%

