GAMMA

The Challenge

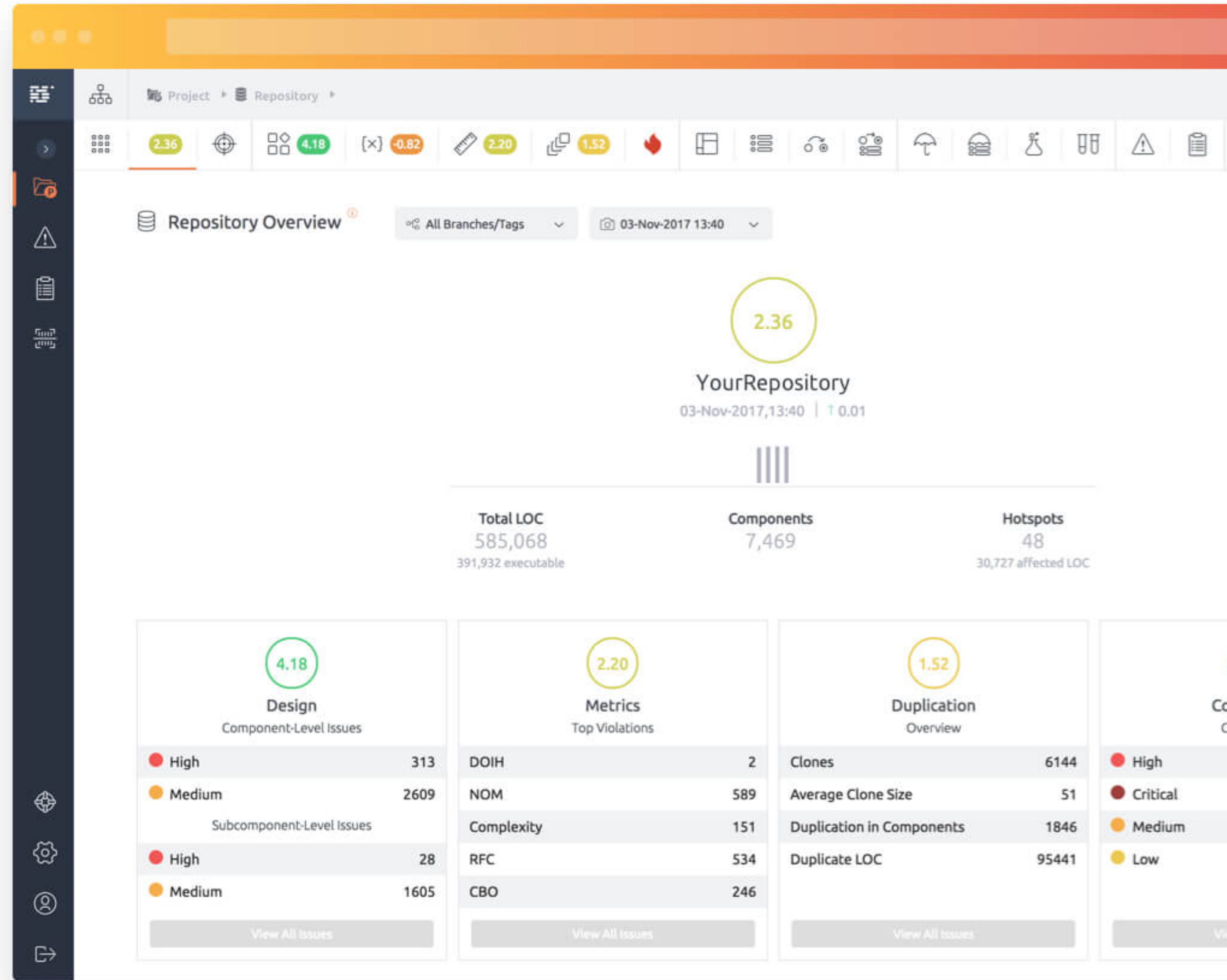**Defective Software**

Your team

Gamma, our software analytics platform

Time is ticking

acellere

Project ▸ Repository ▸

2.36 · 4.18 · [×] -0.82 · 2.20 · 1.52

Repository Overview

All Branches/Tags   03-Nov-2017 13:40

2.36

YourRepository
03-Nov-2017,13:40 | ↑ 0.01

Total LOC	Components	Hotspots
585,068	7,469	48
391,932 executable		30,727 affected LOC

4.18 — Design
Component-Level Issues

● High	313
● Medium	2609

Subcomponent-Level Issues

● High	28
● Medium	1605

View All Issues

2.20 — Metrics
Top Violations

DOIH	2
NOM	589
Complexity	151
RFC	534
CBO	246

View All Issues

1.52 — Duplication
Overview

Clones	6144
Average Clone Size	51
Duplication in Components	1846
Duplicate LOC	95441

View All Issues

● High	
● Critical	
● Medium	
● Low	

What is Gamma?

Gamma is a state-of-the-art software analysis platform that allows you to analyse complex software systems.

1

Intelligent Analyzer

Use Gamma's anti-pattern detection algorithms to find structures issues in your code.

2

Not just smart - but also sexy.

Beyond developing an effective software analyser, we've put tons of time and effort into creating a great user experience with the help of intuitive dashboards and infographics.

3

Quick ranking & fixing your issues

Gamma - The hotspot rating engine. Gamma uses a proprietary 'multi-vector' diagnostic technology to analyse hotspots in software components. This helps you find and fix the biggest issues first.

4

Easy Setup

Via direct upload or through supported version control systems such as Git, and SVN or through online platforms like GitHub and BitBucket.

acellere

Let the games begin!

1

Team Up!

Create a team with 2-4 of your smartest friends. (Extra points given for creative team names)

2

Analyse

You have 90 minutes to analyse and improve a chosen open source software with the help of Gamma.

3

Score

+3.81

The team with the highest overall Gamma quality score wins.

4

Winner takes all

Winning team receives a €20 Amazon gift card (per person) and a Gamma T-shirt.

acellere

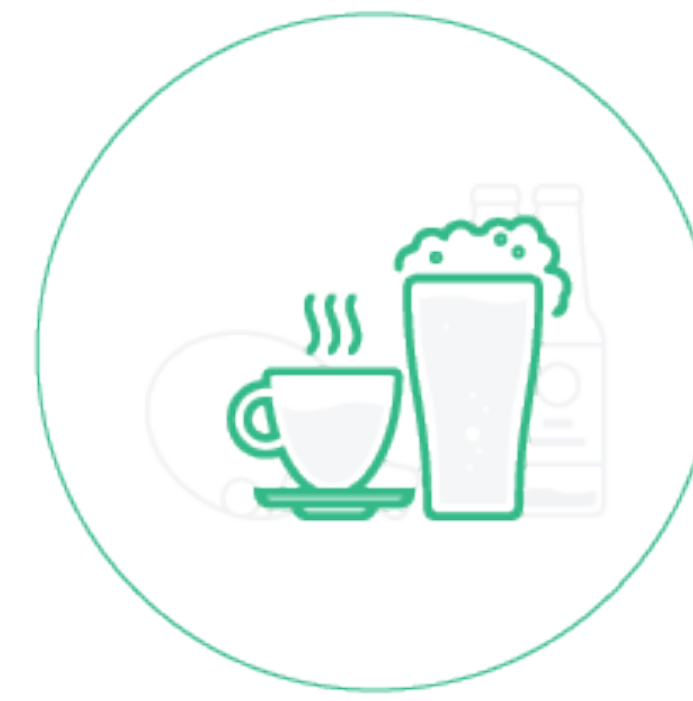# Wondering if our Gamma Challenge is something for you?

If 2 of 4 things appeal to you, you should join in!

Kickass Bug Fixing

Machine Learning

Beer & Snacks

An organic cotton t-shirt

acellere

We're always up for a good challenge...

What about you?

Where:

TU Darmstadt
Raum C205 in S2102

**Snacks & drinks
provided**

When:

06/02/2018
9:50 - 11:30am

**Each participant receives a Gamma
T-shirt as a thank you.**

What you need:

Your Laptop

acellere

We know software

1 **Over 20 years experience building and analysing business critical software applications**

2 **More than 500 Million lines of code analysed from over 1,000 applications.**

3 **Experience in alanyzing some of the most complex software applications on the planet today.**

- Autonomous driving software

- Geo-seismic systems for oil exploration

- Operating systems

- High throughput telecommunications systems.

acellere