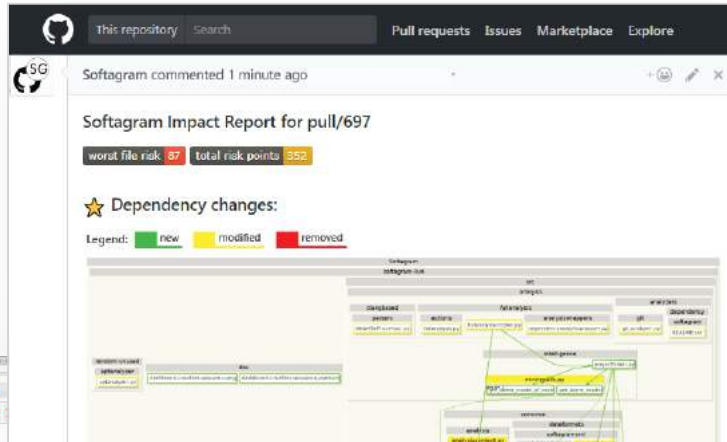
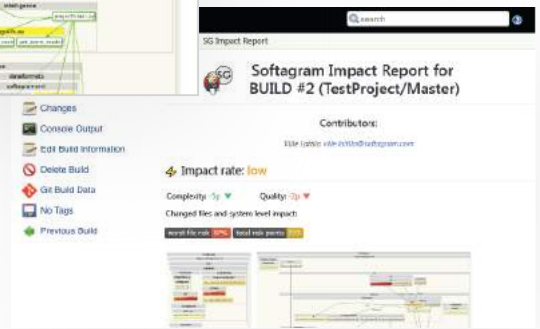
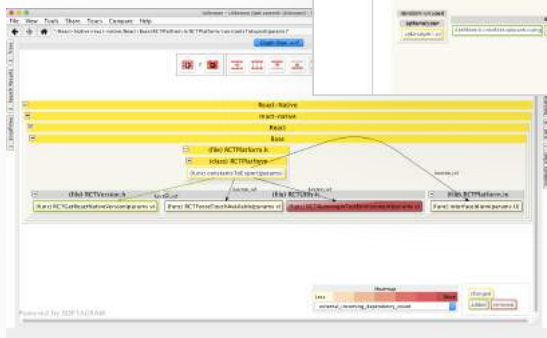


SMARTER SOFTWARE DEVELOPMENT

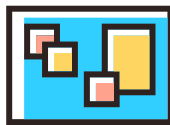
▶ DevOps tool for code base and history analytics and reporting



◀ Softagram provides understanding by visualisation

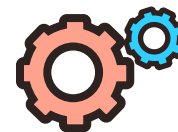


- ▶ Saves time in learning, developing and code refactoring
 - ▶ Deep analytics for each pull request
 - ▶ Fully integrated to your CI/CD pipeline
 - ▶ Prevents broken builds and releases



KNOW YOUR CODE

Softagram analyses your entire codebase as a continuous process. It harvests the most important details directly from source code and creates automated reports and builds interactive visual model, representing the analysed software as a map. Softagram creates understanding for the entire software development team, from junior developers to managers.



AUTOMATION AND INTEGRATION

The automated analysis makes sure your software analysis information is always available when the developers need it. Fully automated impact reports to every Pull Request and Build. Directly available from your favorite CI/CD tool (Github, VSTS, Bitbucket, Gerrit, Jenkins,..)



GAIN PRODUCTIVITY

Did you know that braing registers visual data 60 000 times faster than text? Developers spend up to 80% of their time just learning the existing code, mostly reading in text mode.

With the Softagram informative visualisations, developers get the required understanding a lot faster. One visualization can save hours of grepping and reading when trying to understand the dependencies and identify the right components for new feature development or bug fixes.



TRACEABILITY

Integrations to data sources such as Git and Jira bridges the implementation world to process management world. Comparison graphs can be used to highlight the areas of recent changes or pinpointing the current quality issues in colored heatmaps. When planning a new feature or a change to current design, you can come up with more accurate impact estimates based on rich and accurate data in Softagram.



SUSTAINABLE DEVELOPMENT

Softagram brings transparency to software teams. Bottlenecks in software development can be easily discovered and acknowledged. Exposing architectural pain points, directs everyone to address the issues as a part of their daily work. If the software needs major refactoring, Softagram provides the key information for the basis of new design and decision making.



PREVENT PRODUCTION BREAKS

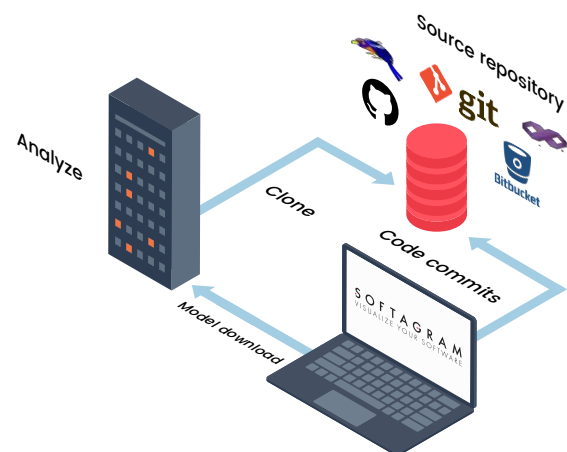
Changing software may introduce unwanted and costly side-effects. Availability of dependency information allows more accurate and efficient verification and testing to address any unwanted impacts. Automated, graphical pull request reports and branch-level comparison graphs allow to spot issues, understand the changes faster and speed up the time spent for feature and code reviews dramatically!

KEY FEATURE

- ▶ Deep visual reports to Pull Requests
- ▶ Change Impact reports to each build
- ▶ Automated navigable model of your codebase
- ▶ Supports multiple repositories, including cross-repository dependencies
- ▶ Heatmap coloring based on numeric and non-numeric values for easy issue spotting, including KPI's like: Error Ratio, Incoming Dependencies, LOC, Commit Count, Authors etc.
- ▶ Easy and fast search for names, comments, descriptions and attributes
- ▶ Automated analysis of all development branches
- ▶ Possible to import any static analysis input to same graphical model
- ▶ Possible to export all reports in open formats (.plantuml , .xml, .csv, .txt, .png, ...)
- ▶ Jump easily to source code from the visualisation

ENVIRONMENT

- ▶ Available in Cloud:
<https://softagram.com/softagram-cloud>
- ▶ Available on-premises:
 - Softagram uses Docker containers to deploy Softagram analysis engine to customer intranet environment. Linux server (Debian, Ubuntu) installations supported, runs on AWS, Google, Azure,...
 - Softagram desktop client for learning and refactoring cases is available for Windows, Mac and Linux.



LANGUAGE SUPPORT

- ▶ Softagram supports the most popular programming languages including: C, C++, C#, Python, Java, JavaScript, PHP, Objective-C, ...
- ▶ Framework specific enhancements are available for: QT, Dbus, NodeJS, ExpressJS

