





What we will tell you

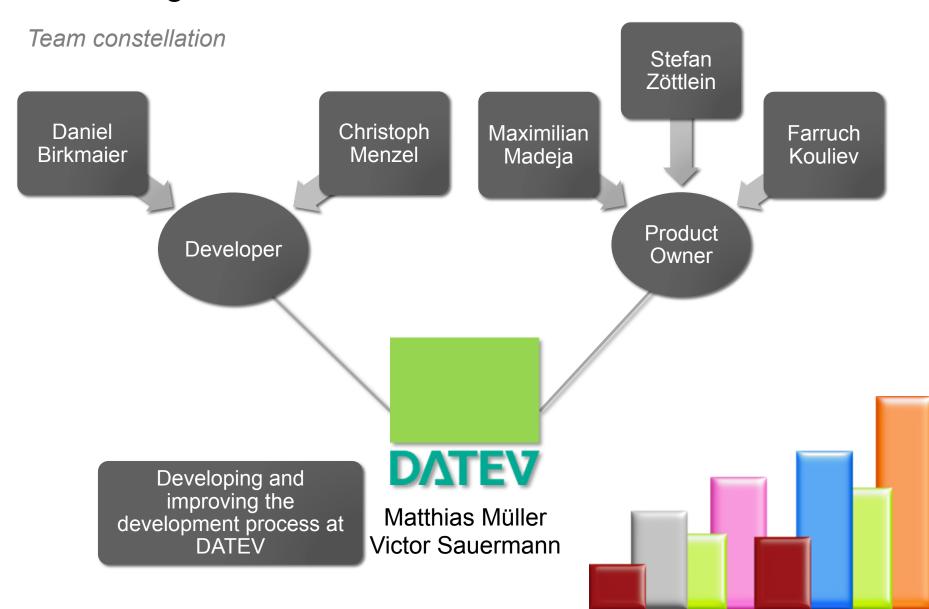
Agenda

- Team 5 and DATEV eG
- Status Quo at DATEV eG software development
- Necessary change and requirements
- Product vision
- GraphalyzerPro Demo
- System Architecture





Introducing team 5 and the connection to DATEV eG





Development and analyzing software at DATEV eG

Status quo at DATEV eG

Software development

Running the software

Having log-files as the protocol of the running software

Using them to analyze bugs, performance and processes





The good old way finding exceptions... line by line

Status quo at DATEV eG

The aim is to develop an extendable program, called GraphalyzerPro, which is a tool for analyzing log files and representing its content graphically. GraphalyzerPro shall support the development and improvement process of new and already existing features of DATEV-Software. The goal behind this is an easier understandment of the logged processes and it's connections. The program shall be modulized and easily extendable. Therefore users will have the opportunity to implement their own logfile receivers and their own output modules. The aim is to develop an extendable program, called GraphalyzerPro which is a tool for analyzing log files and representing its content graphically. GraphalyzerPro shall support the development and of new and already existing features of DATEV-Software. The goal behind this is an easier understandment of the lo nections. The program shall be modulized and easily extendable. Therefore users will have the opportunity to im rs and their own output modules. The aim is to develop an meir own lognic extendable program, called GraphalyzerPro and representing its content graphically. GraphalyzerPro shall s a tool for analyzing s of new and already exis atures of DATEV-Software. The goal behind this is an easier support the development and improvement modulized and easily extendable. Therefore users will understandment of the logged processes connections. The program \$ have the opportunity to implement their of file receivers and their own out pdules. The aim is to develop an extendable program, tent graphically. GraphalyzerPro shall support the called GraphalyzerPro, which is a tool for vzing log files and representing it V-Software. The goal behind this is an easier development and improvement process w and already existing features of nodulized and easily extendable. Therefore users will understandment of the logged processe it's connections. The program sha have the opportunity to implement their dules. The aim is to develop an extendable program, ogfile receivers and their own outp called GraphalyzerPro, which is a tool for vzing log files and representing it ent graphically. GraphalyzerPro shall support the EV-Software. The goal behind this is an easier development and improvement process and already existing features of modulized and easily extendable. Therefore users will understandment of the logged processes is connections. The program si hodules. The aim is to develop an extendable program, have the opportunity to implement their ow le receivers and their own o called GraphalyzerPro, which is a tool for all log files and represent intent graphically. GraphalyzerPro shall support the ready existing feat V-Sŏftware. The goal béhind this is an éasier development and improvement process of ne one The understandment of the logged processes and it dulized and easily extendable. Therefore users will have the opportunity to implement their own logfile The aim is to develop an extendable program, called GraphalyzerPro, which is a tool for analyzing log phically. GraphalyzerPro shall support the development and improvement process of new and already existing features re. The goal behind this is an easier understandment of the logged processes and it's connections. The program sha and easily extendable. Therefore users will have the opportunity to implement their own logfile receivers and their own output m is to develop an extendable program. v. GraphalyzerPro shall support the called GraphalyzerPro, which is a tool for analyzing log files and representing its con development and improvement process of new and already existing features of DATE The goal behind this is an easier and easily extendable. Therefore u understandment of the logged processes and it's connections. The program shall be mod have the opportunity to implement their own logfile receivers and their own output modules. The aim is to develop ar ble pr called GraphalyzerPro, which is a tool for analyzing log files and representing its content graphically. GraphalyzerPro port development and improvement process of new and already existing features of DATEV-Software. The nd th asier understandment of the logged processes and it's connections. The program shall be modulized and ea dabl bre u have the opportunity to implement their own logfile receivers and their own output modules.

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Something has to be changed in future development

Necessary change

- Faster and
- Easier

way to search for anomalies and exception, while getting a better understanding which processes and threads are running at one sight.

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What a new application should be able to provide

Requirements

- Modularized structure:
 - Receiver
 - Information Engine
 - Graphical analyzer
- Visualizing processes and threads with diagrams
- Ability to interpret/read the special DATEV development log-files





Product vision

The aim is to develop an extendable program, called GraphalyzerPro, which is a tool for analyzing log files and representing its content graphically.

GraphalyzerPro shall support the development and improvement process of new and already existing features of DATEV-Software. The goal behind this is an easier understanding of the logged processes and its connections. The program shall be modulized and easily extendable. Therefore users will have the opportunity to implement their own logfile receivers and their own output modules.





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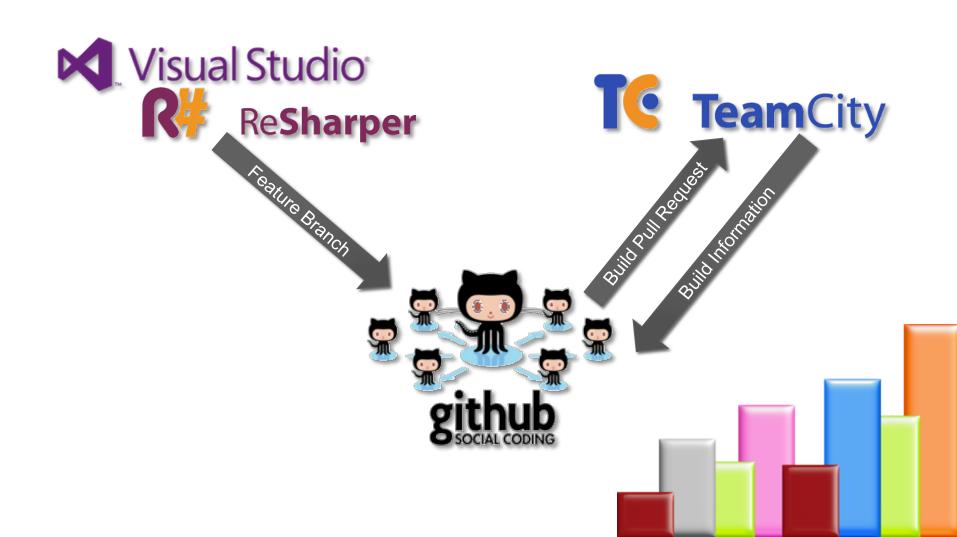
DEMO



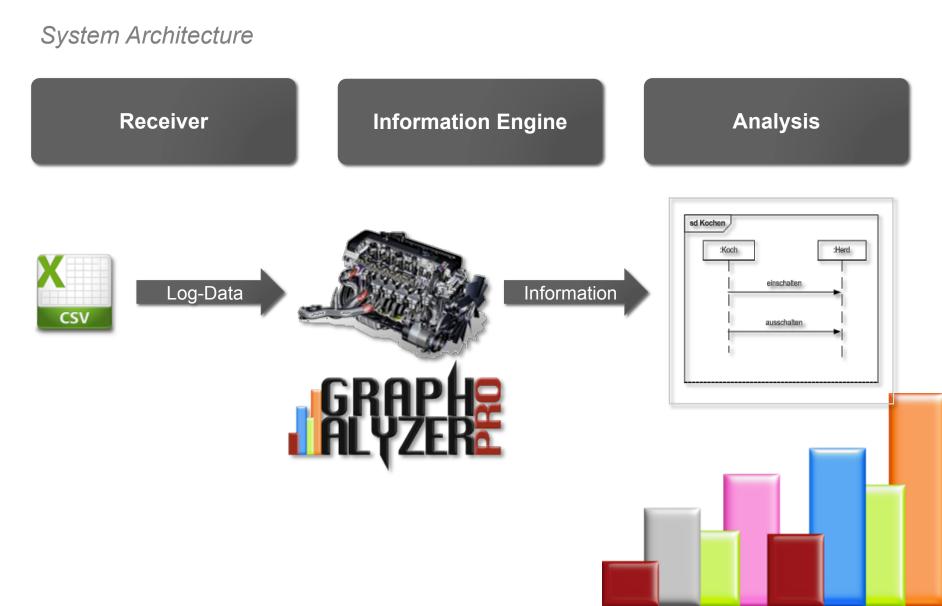


Designing an appropriate infrastructure

System Architecture



Overview over the GraphalyzerPro



Choice of technology stack constellation



System Architecture







ReactiveUI





