



# Google Summer of Code

This is to certify that

**Lorenz Hofmann-Wellenhof**

has completed

Google Summer of Code 2019

contributing to the open source project

API Client Tools at Google

May 27 - August 26, 2019

Chris DiBona  
Director of Open Source

# Project View

- OVERVIEW \*
- DETAILS
- FIRST EVAL
- SECOND EVAL
- FINAL

Build tools that bridge OpenAPI and gRPC

STUDENT	ORGANIZATION	TAG	MENTORS	STATUS
Lorenz Hofmann-Wellenhof	API Client Tools at Google	openapi	Noah Dietz Tim Burks	● Active

## First Evaluation

STATUS: Passed

### Mentor (Tim Burks) Notes:

Lorenz has been doing a great job at defining subtasks, managing and completing work, and reporting progress. We were particularly impressed with his awareness of external resources and ability to integrate them to reduce overall system complexity. As we've discussed, one general refinement to the project that we'd like to make is to prioritize end-to-end examples of existing capability slightly higher than feature completeness. Our rationale for this is that we think end-to-end examples would provide strong justification for the project and would attract users and additional contributors who could help us prioritize and complete any missing features that are needed.

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## Second Evaluation

STATUS: Passed

### Mentor (Tim Burks) Notes:

Lorenz has been communicating with us through Google Docs, GitHub, Hangouts, and Medium (by drafting a blog post) and has been consistently clear and thorough. He's been able to work effectively with what seems to us to have been very light guidance - he has quickly understood and followed through on suggestions that we've made and shows a great sense for the goals and value of the project.

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## Final Evaluation

STATUS: Passed

### Mentor (Tim Burks) Notes:

Lorenz was great at working independently and responding to feedback. His regular reporting online made his progress clear and his Medium posts and end-to-end example were great demonstrations of his project. I really don't have an area that wasn't strong in Lorenz's work, but will generally say that it's rare for a software developer to test their work enough - it seems that there's always some unanticipated use or input that can break our projects. Aggressively looking for those cases is always a good idea.

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## Employment reference

Mr. Lorenz Hofmann-Wellenhof, born on 11/21/1994, was a working student for our company in the region of SAP SLcM development, consulting, and testing / web development based on UI5 from 11/6/2017 until 7/31/2018.

**CSneovias GmbH** is an expanded, international SAP consulting and development corporation with offices in Passau, Stuttgart and Heidelberg. Always in touch with the latest technologies, we consult, develop and implement SAP SLcM (Student Lifecycle Management) solutions for our prestigious customers from the education and collegiate sector.

Mr. Hofmann-Wellenhof assisted as **working student** on the following projects:

- Design and implementation of front end prototypes with the SAPUI5 web framework for University of Münster and University of Zurich (JavaScript, SAPUI5)
- Assisted development and design of back end interfaces to provide prototypes with data (ABAP, OData protocol)
- Design and implementation of a voucher generation system for the Goethe-Institut (ABAP)

Mr. Hofmann-Wellenhof engaged quickly in his area of responsibility due to his rapid intellectual grasp. He acquired the necessary knowledge on his own and was always interested in the exploration and further development of the topics he was assigned to. Hence, Mr. Hofmann-Wellenhof contributed significantly to the growth of our SLcM product portfolio.

Mr. Hofmann-Wellenhof worked with tremendous reliability, determination, accuracy, as well as a sense of responsibility and quality awareness. He was able to cope with occasional higher workload and deadlines. Mr. Hofmann-Wellenhof continuously achieved excellent work results and handled the assigned tasks to our utmost satisfaction.

Due to his calm and friendly character he was generally acknowledged and well-liked among internal and external coworkers. His behavior towards superiors and colleagues was irreproachable.

At his desire, Mr. Hofmann-Wellenhof terminates his job as a working student at our company due to an exchange semester, which we deeply regret.

We thank Mr. Hofmann-Wellenhof for the excellent collaboration and wish him the best of luck for his future career and personal development.

Passau, 1/31/2019

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**CSneovias GmbH**  
Rainer Arnold  
CEO