

Software Adaptability

[Return to Glossary](#)

Software Adaptability is when software components with a well-defined, stable [Application Programming Interface \(API\)](#) can be exchanged using another components with minimal effort as long as the component adheres to the API. For example, SQL describes an API for a database component. As long as the software adheres to the standard SQL API, the [DataBase Management System \(DBMS\)](#) can be exchanged from Oracle to [PostgreSQL](#) with no to minimal impact.¹⁾

Source: <https://personal.utdallas.edu/~chung/ftp/sqm.pdf>

¹⁾

Nary Subramanian and Lawrence Chung, [Metrics for Software Adaptability](#), University of Texas - Dallas, Accessed 29 July 2020, <https://personal.utdallas.edu/~chung/ftp/sqm.pdf>

From:
<https://www.omgwiki.org/ddsf/> - **DDS Foundation Wiki**

Permanent link:
https://www.omgwiki.org/ddsf/doku.php?id=ddsf:public:guidebook:06_append:glossary:s:swadapt&rev=1626291831

Last update: **2021/07/14 15:43**

