

# Software Adaptability

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**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 [dbms](#) can be exchanged from Oracle to [PostgreSQL](#) with no to minimal impact.<sup>1)</sup>

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

<sup>1)</sup>

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>

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Last update: **2021/07/14 15:40**

