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Article - CS202677

Difference between the Mathcad Prime 3.1 API and SDK

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Applies To

- Mathcad Prime 3.1

Description

- Difference between the Mathcad Prime 3.1 API and SDK
- Need information on the Mathcad Prime API and SDK,
- Mathcad Prime 3.1 contains an API and references a separate SDK. This article explains what these two items are
- How to use SDK

Cause

- Confusion between API and SDK items

Resolution

- The *API (Application Programming Interface)* is included in the Prime 3.1 installation
- With *API*, the .tlb and .dll files can be read and linked using an appropriate development environment tool including the express version of *Visual Studio*. With that, the *API* can be used to write code to integrate Prime 3.1 with users processes
- The *SDK (Software Development Kit)* is a separate item that includes documentation, code examples, integration examples and annual Global Support that can be purchased by users who want more support for their API solutions. It is mandatory to contact Mathcad Sales for information on the SDK
- To use the *SDK*, you must have purchased the **Mathcad subscription license**. You may start searching related information beginning in the article CS200662 (<https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.ptc.com%2Fde%2Fsupport%2Farticle%3Fn%3DCS200662&data=02%7C01%7Cmwunder%40ptc.com%7C26aeca369f0d456b642c08d67488fe8b%7Cb9921086ff774d0d828acb3381f678e:sdata=%2Bzz77f3sCqFLTWjRPFgmSAh3S3zyQR4%2FIJ5LVI5cSc%3D&reserved=0>):
- For more information on the *API* and *SDK*, click on this link to watch a video explaining what they are and how they're used: http://support.ptc.com/view?im_dbkey=165871 (http://support.ptc.com/view?im_dbkey=165871)
- To get a quick pitch see this video where you see both in comparison: http://support.ptc.com/WCMS/files/165871/en/API_SDK.mp4 (https://na01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fsupport.ptc.com%2FWCMS%2Ffiles%2F165871%2Fen%2FAPL_SDK.mp4&data=02%7C01%7Cmwunder%40ptc.com%7C26aeca369f0d456b642c08d67488fe8b%7Cb9921086ff774d0d828acb3381f678e:sdata=XvWxlqSwjm6bsMd8jdQDIQQtVR1ierk1n5gi2J3rNIE%3D&reserved=0)

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