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Finding an optimal approach to enabling document collaboration with ONLYOFFICE Docs in integrated environments: interoperability, decentralization and limitations

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Intentions to increase interoperability and expand functionality often clash in a conflict where a more universal standardized approach to service integration limits the unique capabilities of the developer's technologies.

Despite WOPI having its limits in delivering the whole amount of functionality into the receiver system's interface, it is an open standard that makes integration considerably easier due to abundant and standardized documentation, ready ways to perform connectivity checks, and ability to integrate the services into protected systems where API integration is simply not possible.

With ongoing research in WOPI-based ONLYOFFICE integration, we don't consider API and WOPI interchangeable alternatives, as our default API integration provides opportunities to accommodate the growing functionality that in many cases goes off-limits.

In this presentation, we will discuss:

- Two approaches of integrating ONLYOFFICE Docs into sync&share environments: API and WOPI;
- Limitations of WOPI and ways to overcome or adapt to them;
- ONLYOFFICE Docs integration using WOPI: ownCloud Infinite Scale, SharePoint, OpenKM and Filecloud;
- WOPI integration structure and what it means to third-party ONLYOFFICE integrators;
- Recent updates in functionality of ONLYOFFICE Docs available for integrated solutions;
- Roadmap for future development and integrations.

Authors: Mr MIHEEV, Alex; KOROTAEV, Mikhail

Presenter: KOROTAEV, Mikhail

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