

微軟對 ODF 格式的支援

台灣微軟公司公共業務事業群技術長

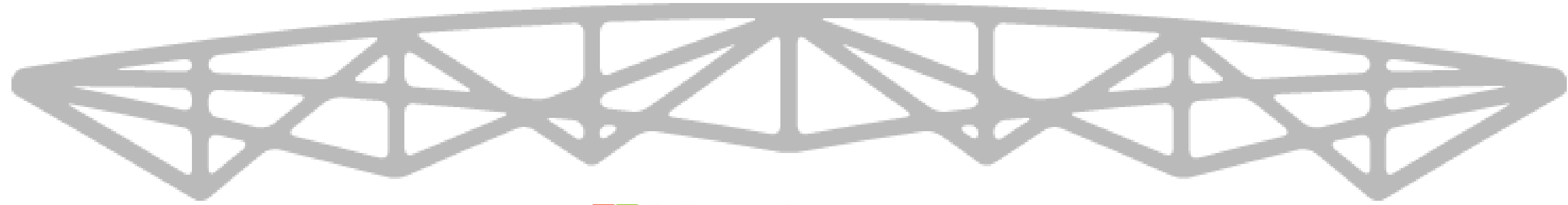
葉光釗

微軟公司對開放標準之專注

Microsoft Azure



Microsoft Research



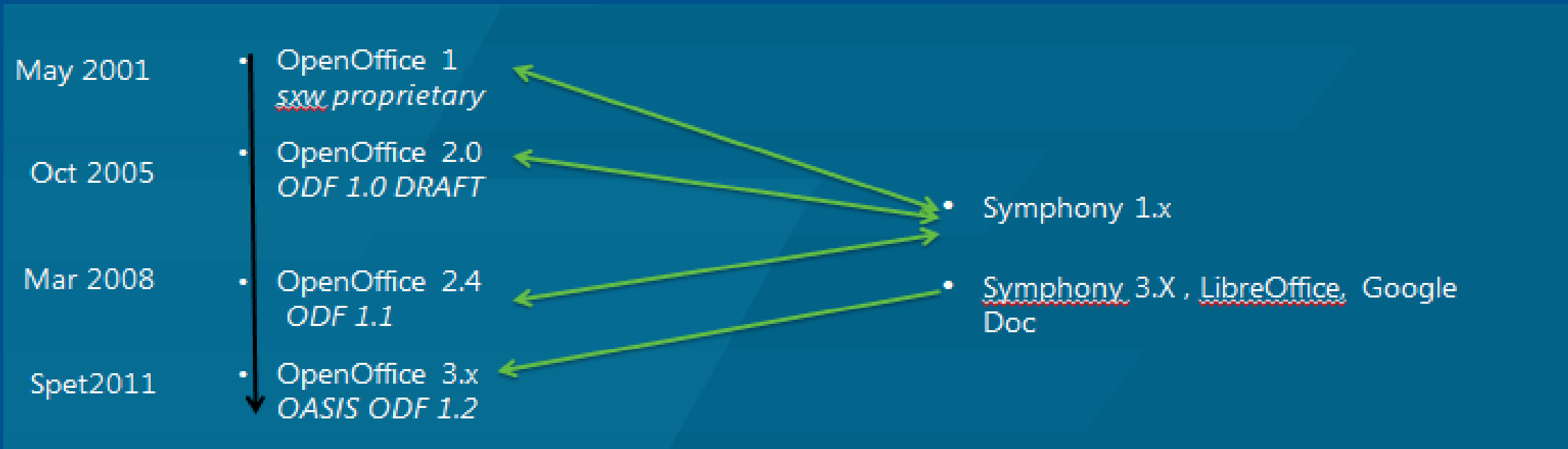
Open Source Technology Center



Open Solutions Group



ODF 簡介



- ODF 1.2 已於 2011 9/30 由 OASIS 正式批准為標準
- ISO/IEC 於 2015 年六月完成

微軟在 ODF 中的投資

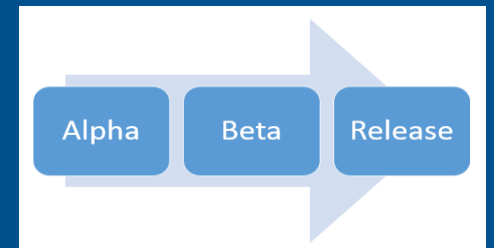
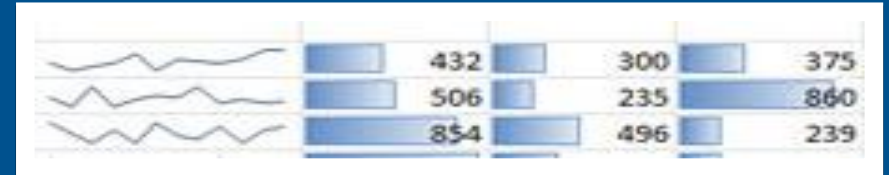
- 參加 OASIS ODF 技術委員會與 ODF 1.2 之規格規劃
 - OpenFormula 技術部分主要撰寫
 - 資安技術之加強 (如: 數位簽章)
- 在 Office 365 與 Office 2013 中對 ODF 之支援功能
- 主動舉辦和參與 ODF interoperability 活動
 - 台灣微軟於 2013-15 舉辦 Taipei Interoperability and Protocols PlugFest
- ODF 1.3 (又稱ODF-Next) 的規劃，微軟已經是 OASIS 技術子委員會的成員之一，並積極參與規格制定的工作

微軟對國際標準格式之支援

	STANDARD	Office 2003	Office 2007 SP1	Office 2010	Office 2013	Office Web App SP1
Binary format (.doc, .xls, .ppt)	N/A	Open, Edit, Save	Open, Edit, Save	Open, Edit, Save	Open, Edit, Save	N/A
Open XML	ISO/IEC 29500	Open, Edit, Save	Open, Edit, Save	Open, Edit, Save	Open, Edit, Save	Open, Edit, Save
ODF 1.1	ISO/IEC 26300	N/A	Open, Edit, Save	Open, Edit, Save	Open, Edit	Open, Edit
ODF 1.2	ISO/IEC 26300 2015	N/A	Open, Edit*	Open, *Edit	Open, Edit, Save	Open, Edit, Save
PDF	ISO 32000	N/A	Save	Save	Open, "Edit", Save	Open

Microsoft Office 2013 ODF 1.2 的支援

- Extension of our ODF 1.1 implementation
- ODF documents round-trip with high fidelity in Microsoft Office, with some exceptions:
 - Office extensions:
 - ODF provides no extensibility mechanism and, as such, Microsoft Office cannot store features which do not exist in ODF 1.2 inside ODF files, i.e.:
 - Sparklines and data bars in Excel
 - Smart Art
 - Macros attached to documents
 - Change Tracking
 - ODF 1.2 mandatory manifest:version attribute



Microsoft Office 2013 ODF 1.2 的支援

- Change Tracking:
 - Generally known interoperability issue in ODF, primarily concerning:
 - Changes in tables
 - What to do with deleted text
- An OASIS SC has been set up to address the issue [1]:
 - Microsoft is actively contributing to that SC
 - Submitted a proposed solution in early 2011
- Iteration still proceeding on that and other proposed solutions
- Until interoperability issues are resolved by the SC and the necessary changes made in the standard, Microsoft cannot implement ODF change tracking in Office

[1]: <https://www.oasis-open.org/apps/org/workgroup/office-collab>

