
SAP Development Tech Radar

Tobias Hofmann

[It's full of stars](#)

Current situation

■ Technologies

Over the decades, SAP released many different technologies

■ Usage

Usage can span decades, with successors available in parallel

■ Choice

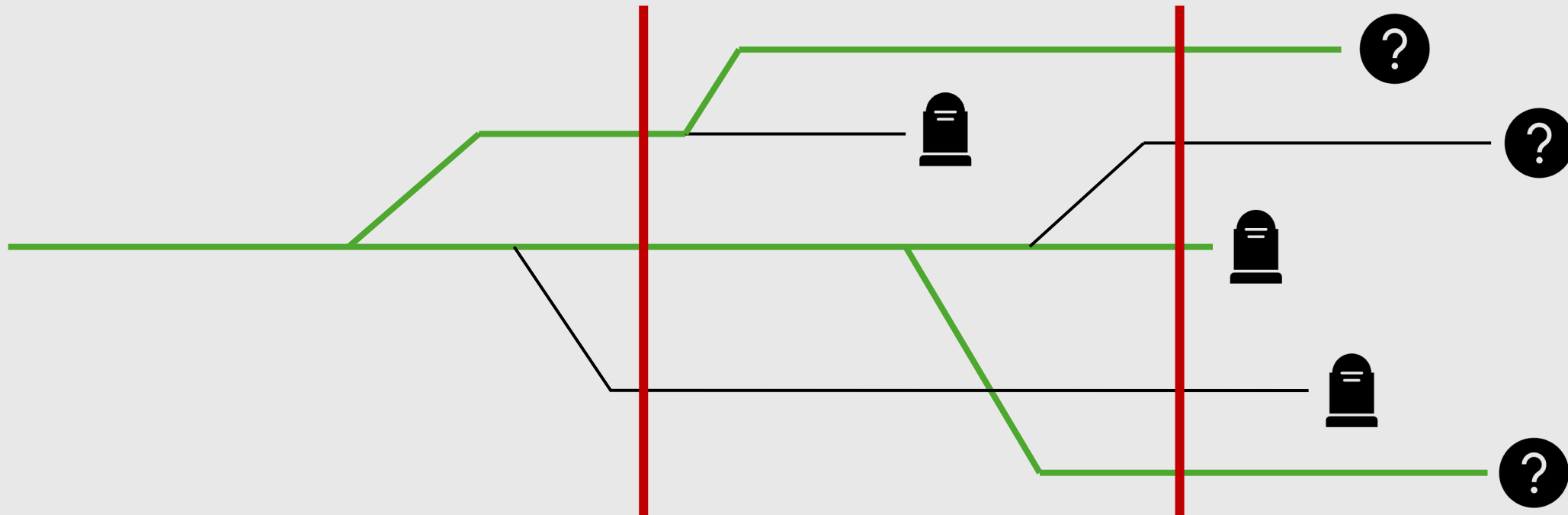
Result: wide range of tools to choose from

■ Recommendation

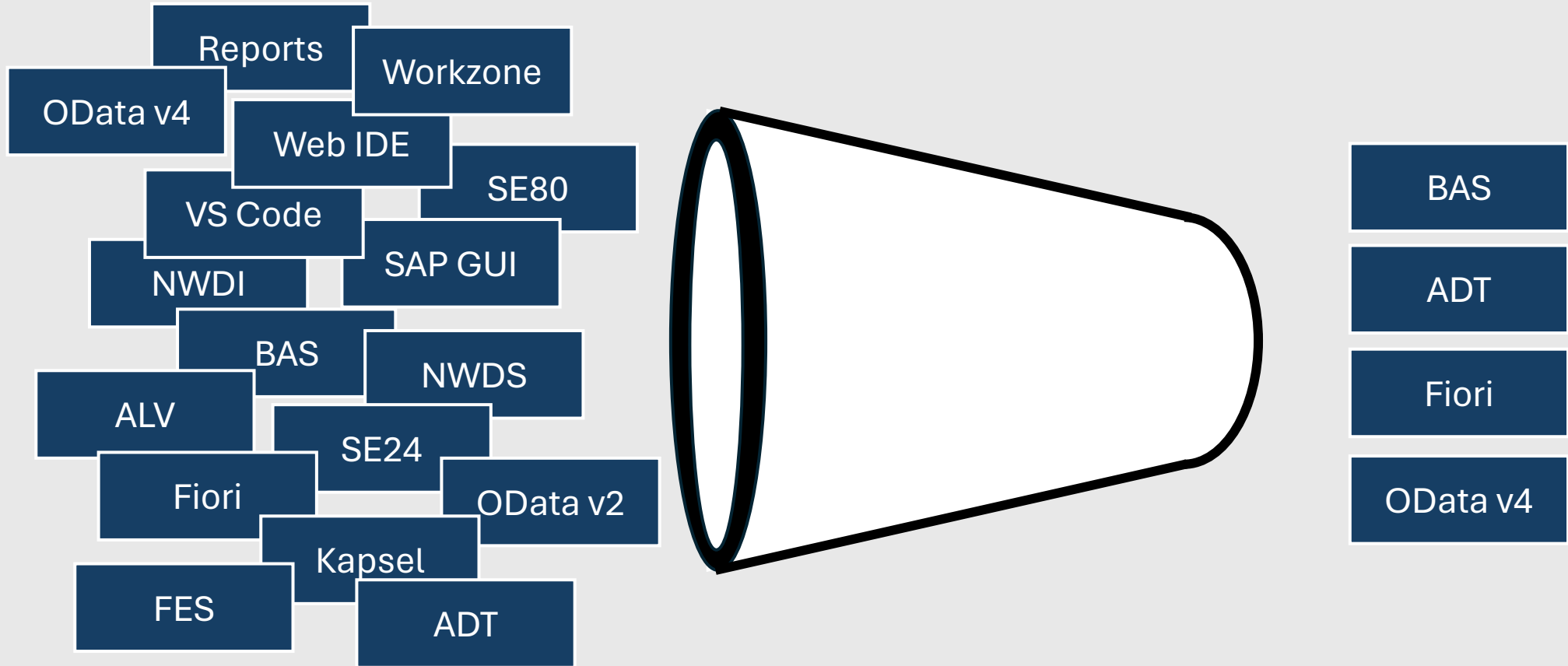
Problem: unclear which tool should be used for certain tasks

■ Best practices

Impact: Am i still on track with current best practices?



Filtering available technology



SAP Development Tech Radar

Every SAP customer is already doing this filtering and recommendation

Individual, siloed and tailored to a single customer and specific release

Often outdated

Idea

- Provide a single source of **recommendations** to SAP developers
- Version and customer independent: **recommendations** of what should be used today
- Make it easy for developers to assess their current tools and how they align with current **best practices**
- Transparent and collaboration: from developers, for developers

UI

ADOPT

- 1. Web Components

USE

- 2. Fiori Launchpad
- 3. Fiori UX
- 4. Personas
- 5. UI Flexibility

HOLD

- 6. UI5 freestyle
- 7. WDA

STOP

- 8. BSP
- 9. CRM-WebClient-UI
- 10. Dynpro
- 11. J2EE
- 12. WDJ

Frameworks

ADOPT

- 25. ABAP Cloud
- 26. RAP managed draft

USE

- 27. BRF+
- 28. CAP JS
- 29. Custom Fields & Logic
- 30. Fiori Elements
- 31. OpenUI5
- 32. RAP managed
- 33. RAP unmanaged
- 34. SAPUI5

HOLD

- 35. BOPF Fiori
- 36. CAP Java

STOP

- 37. BOPF
- 38. Reports

Technology

ADOPT

- 13. BTP
- 14. OData v4
- 15. Workzone

USE

- 16. CDS View Entity
- 17. FES embedded
- 18. OData v2

HOLD

- 19. CDS Views

STOP

- 20. FES hub
- 21. Neo
- 22. Portal
- 23. XSA
- 24. XSC

Tools

ADOPT

- 39. Cloud ALM
- 40. gCTS

USE

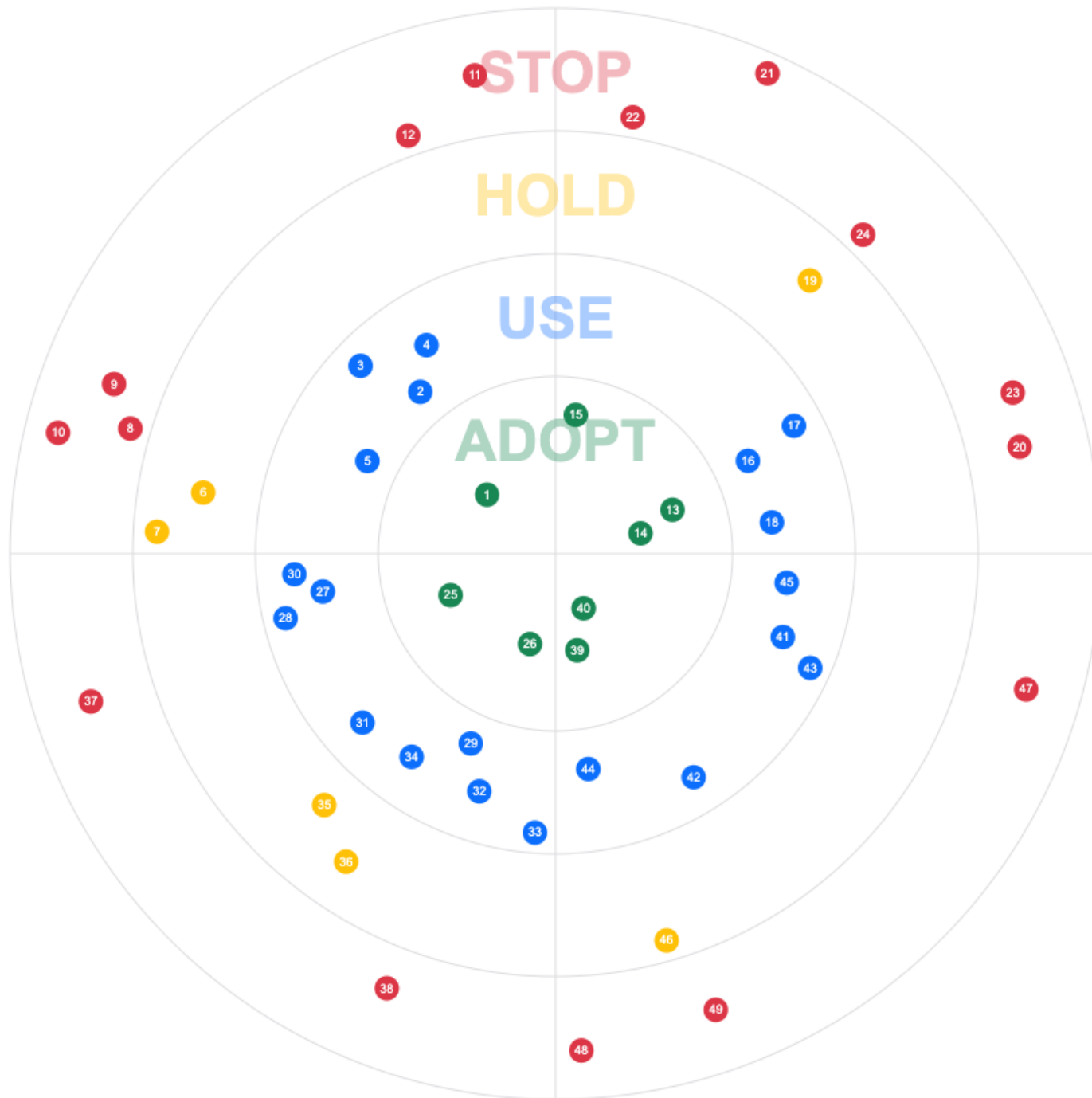
- 41. abapGit
- 42. ADT
- 43. BAS
- 44. UI5 tooling
- 45. VS Code

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- 47. SAPGui
- 48. SE80
- 49. WebIDE



User Interfaces

Technology

Frameworks

Tools

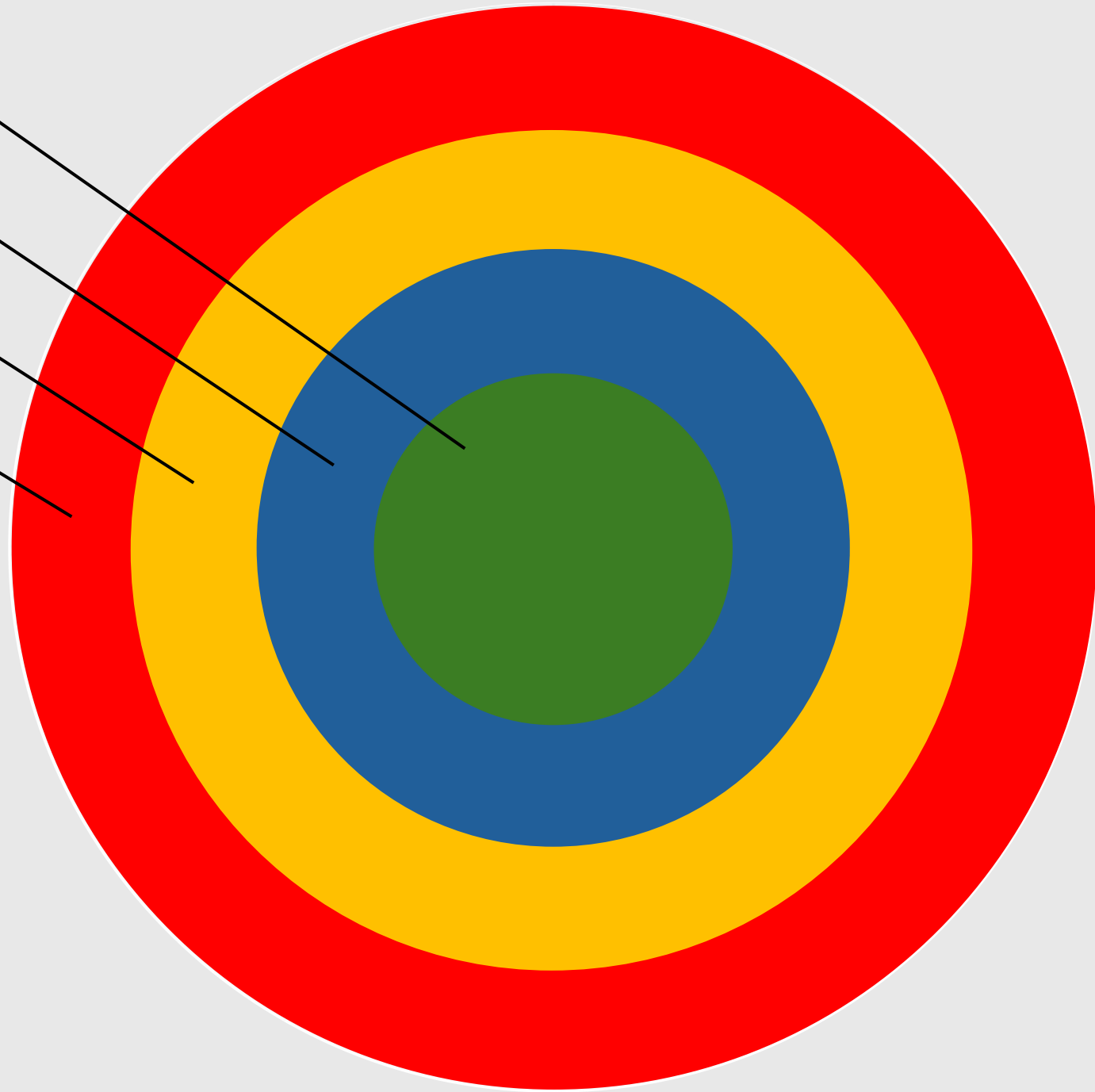


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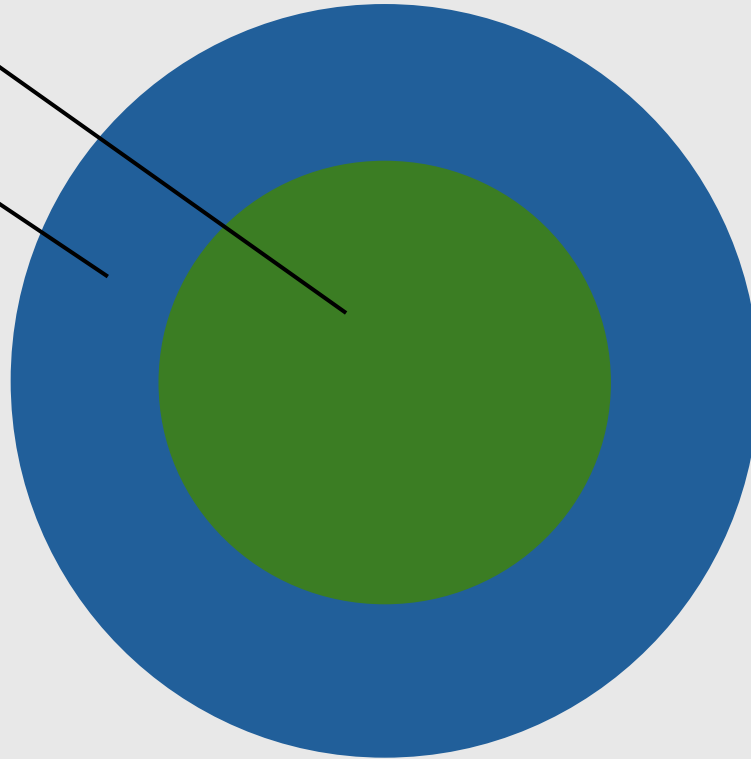
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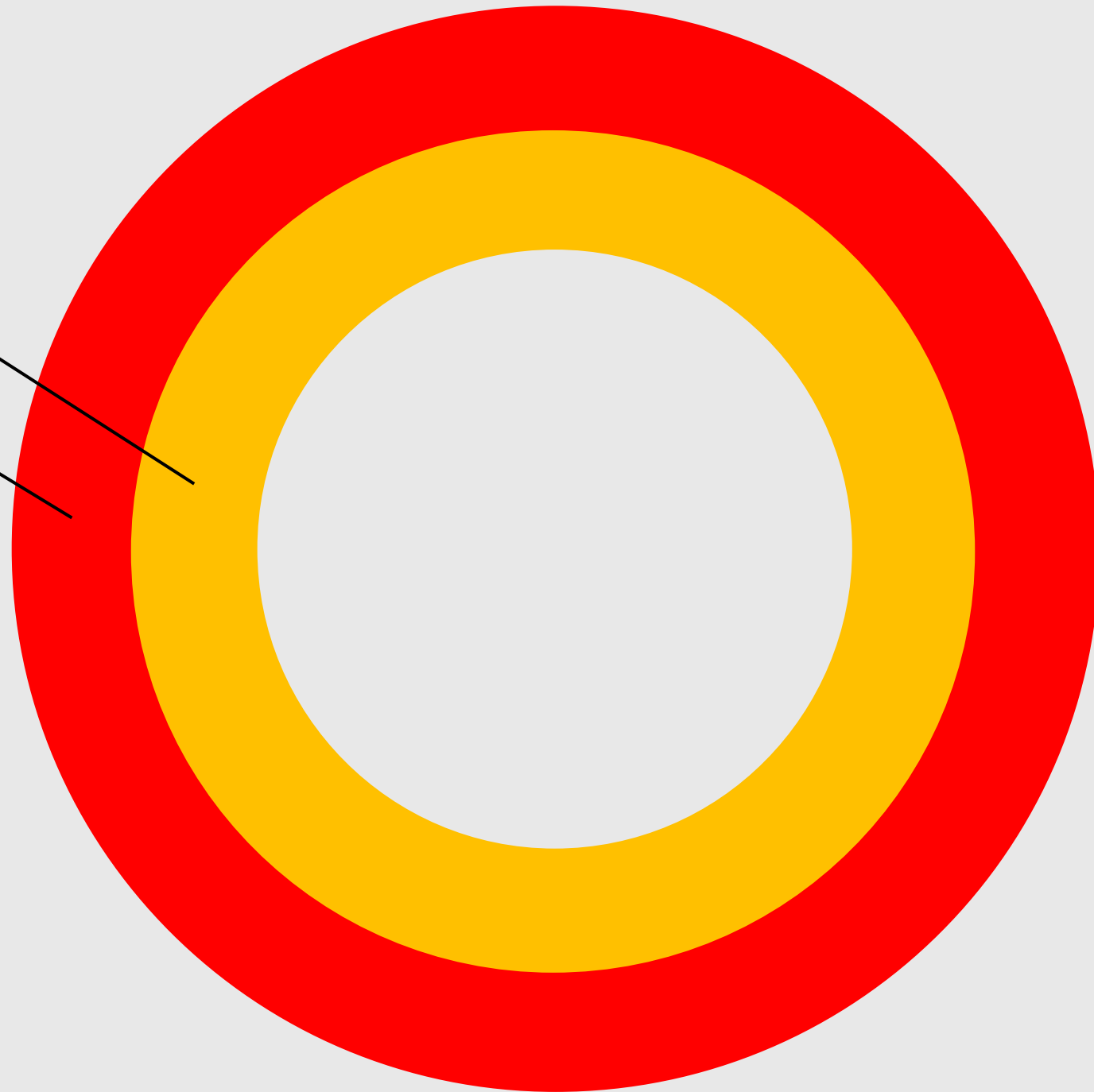
Best Practice

This is what you should be able to use

An individual strategy on how to be able to use these should be in place

HOLD

STOP



Not best practice

Consider moving away

See if there is a strategy to deal with these technologies

Does NOT mean: you are doing it wrong

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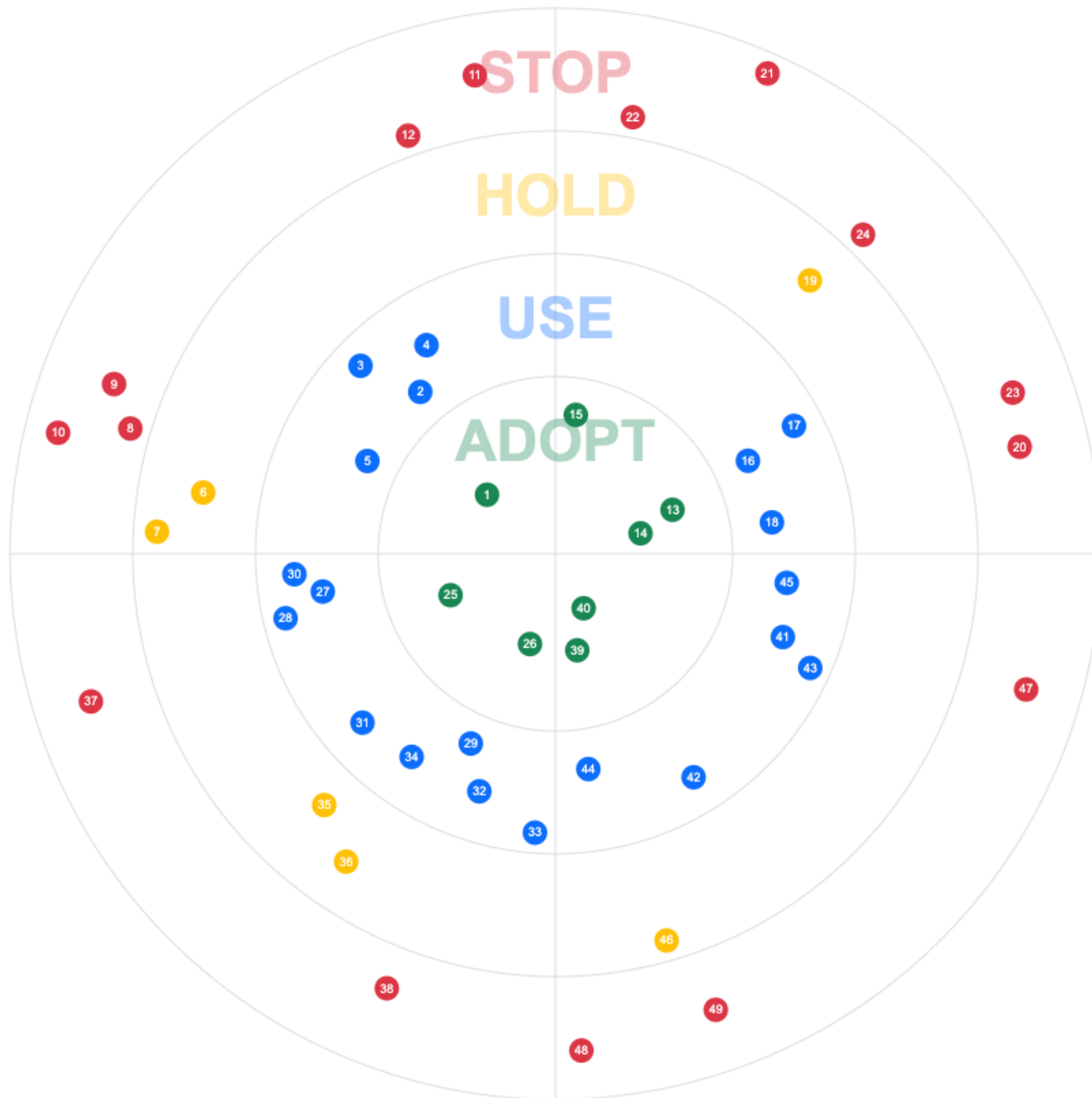
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SAP Development Tech Radar

■ Repository

<https://github.com/tobiashofmann/sap-dev-tech-radar>

■ Online version

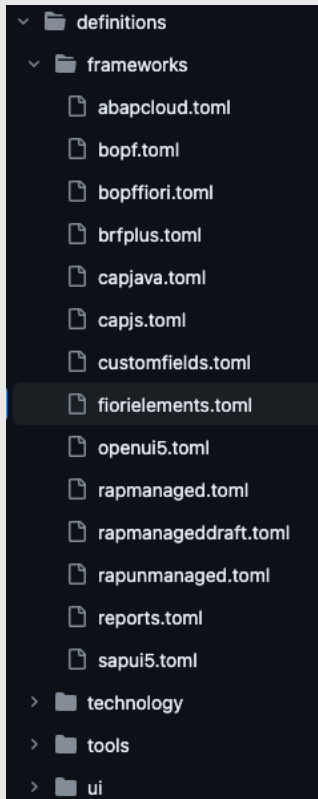
<https://tobiashofmann.github.io/sap-dev-tech-radar/>

■ Current status

Draft

■ Format

Technologies are described via TOML files

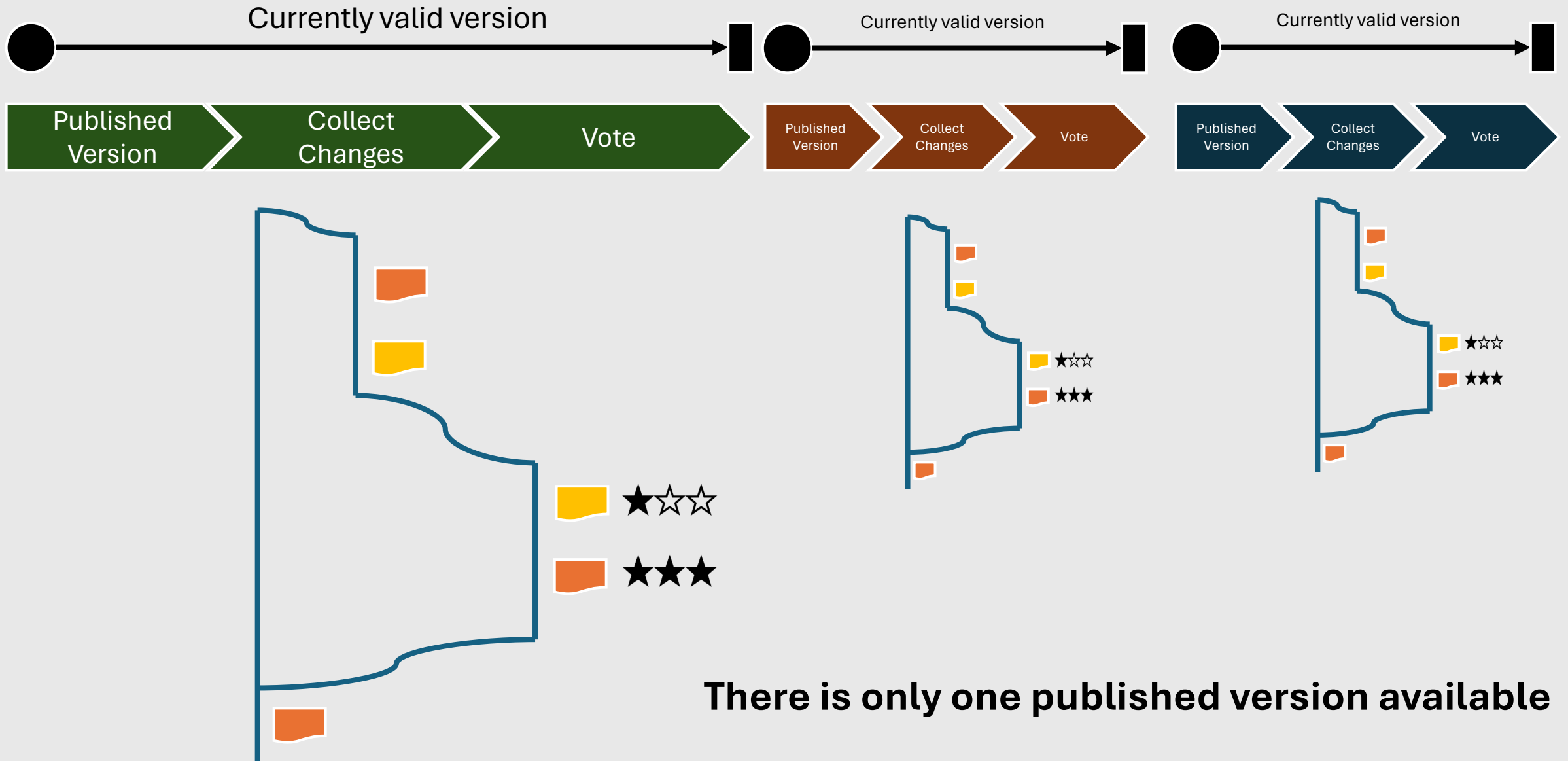


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support = "Supported."

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Creation process of SAP Development Tech Radar



ABAPConf Europe 2024

Start: 8:30 CEST

WATCH LIVE & FOR FREE youtube.com/@abapconf

San Francisco 23:30, 5. June

New York 2:30

Mexico City 0:30

Rio de Janeiro 3:30

Bangalore 11:30

Tokyo 15:30

Sydney 16:30

Timezone
CEST +/- 2



**BROADCAST
START TIME**

6. JUNE 2024

Thank You!

 <https://github.com/tobiashofmann/sap-dev-tech-radar>

 <https://www.abapconf.org>

 <https://www.itsfullofstars.de>

 <https://www.linkedin.com/in/tobias-hofmann-768b085/>

 <https://www.twitter.com/tobiashofmann>

SAP Professional

1998 – ABAP
2004 – SAP Portal
2009 – SAP Mobile
2011 – UI5
2011 – SAP Cloud
2013 – Fiori
2016 – S/4HANA

Job Functions

Developer
Consultant
Architect
Enterprise Architect