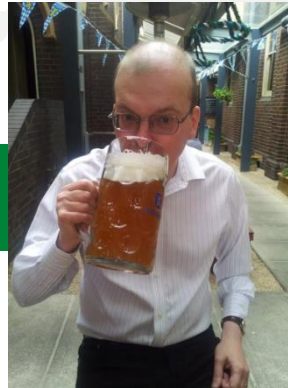




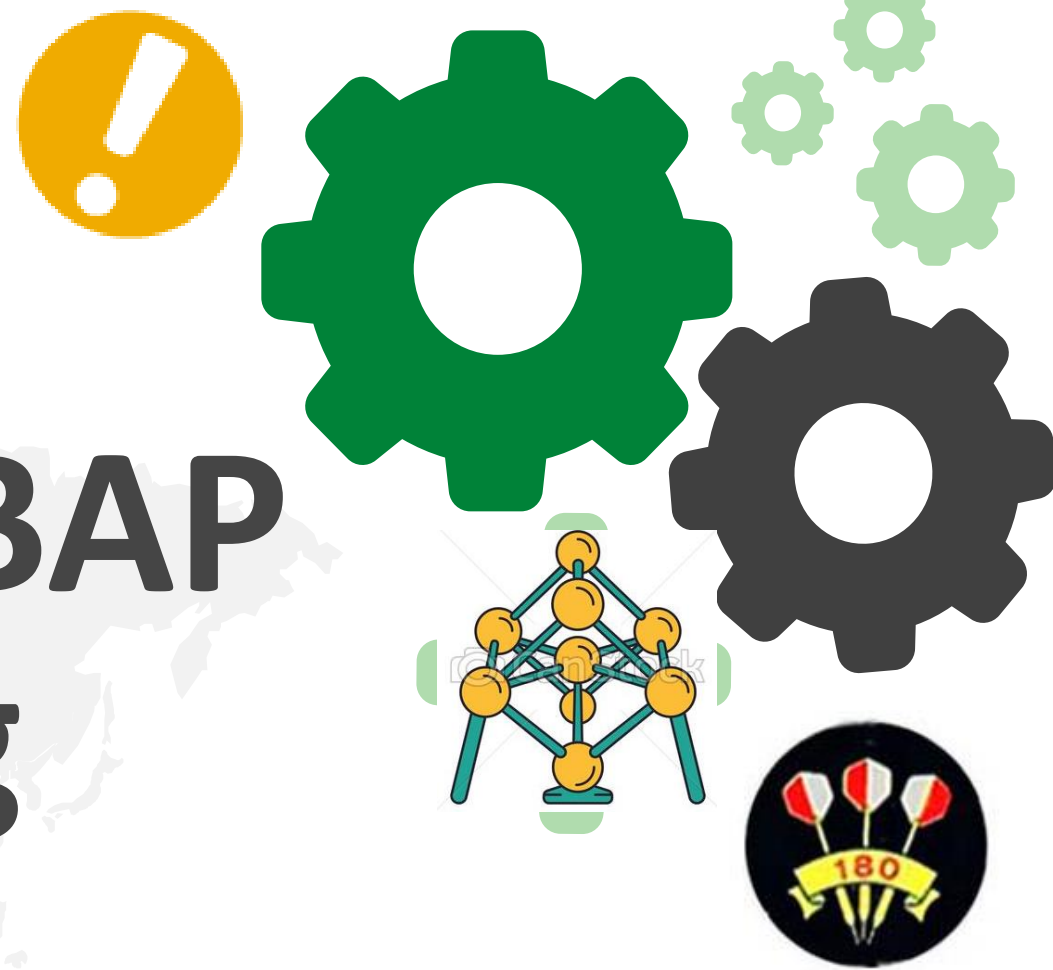
# The Future of ABAP Programming

18 MAY 2019



*All That You Know is At An End*

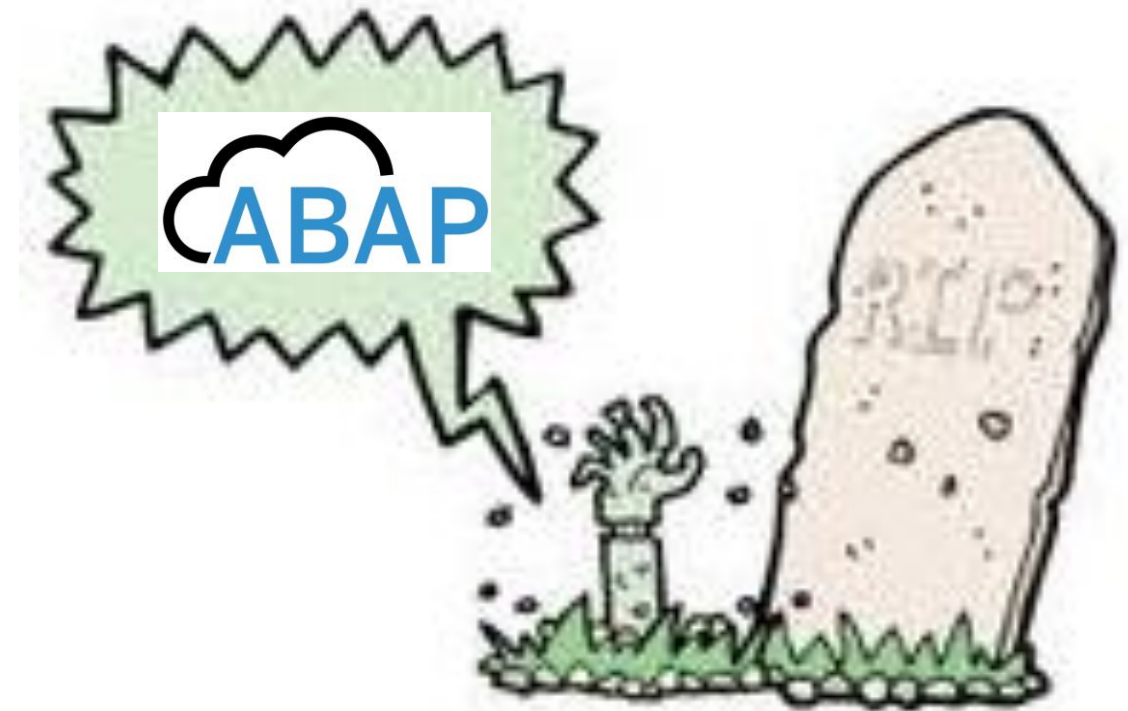
**Paul Hardy**



**BELGIUM**  
SAP Inside Track



# ABAP Future's so Bright, it's Gotta Wear Shades





- About Heidelberg Cement
- The Problem
- Test Driven Development
- abapGit
- ABAP in the Cloud (RAP)
- How it all fits together





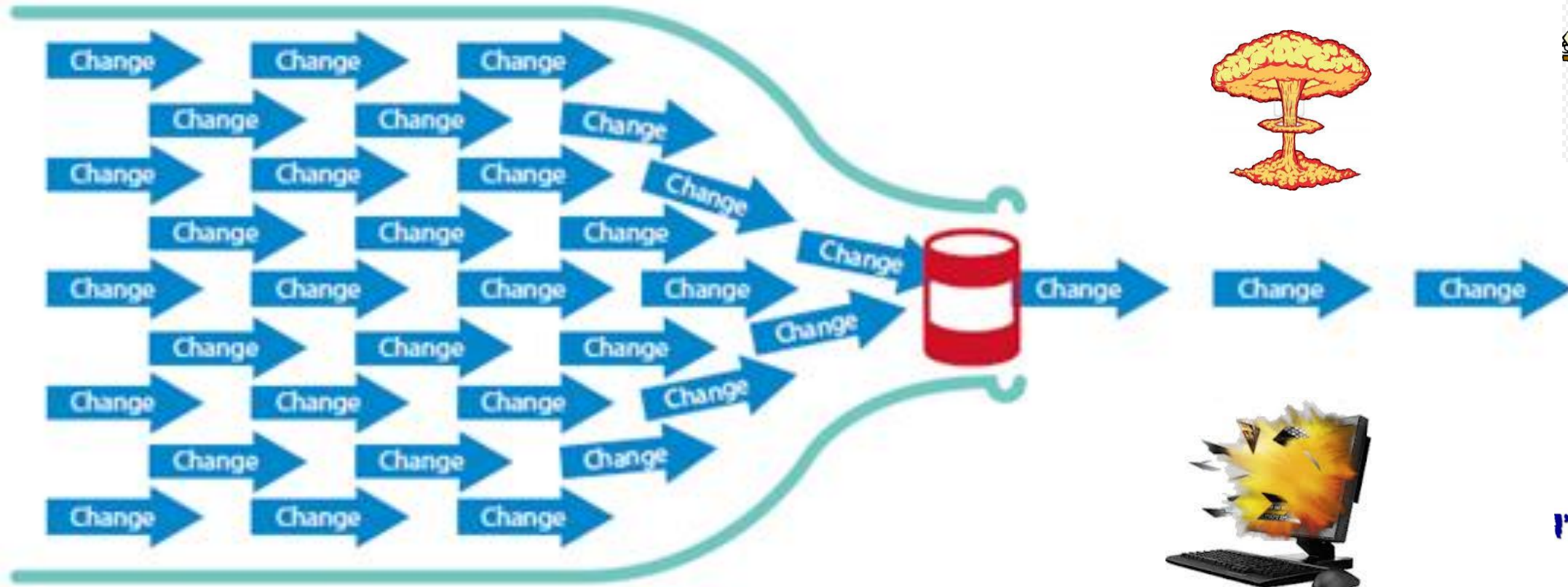
# About Heidelberg Cement



S/4 HANA

# The Problem

2



1



3







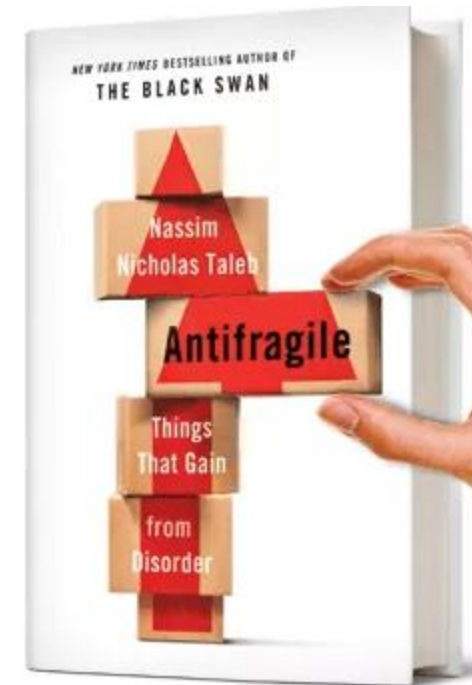
- About Heidelberg Cement
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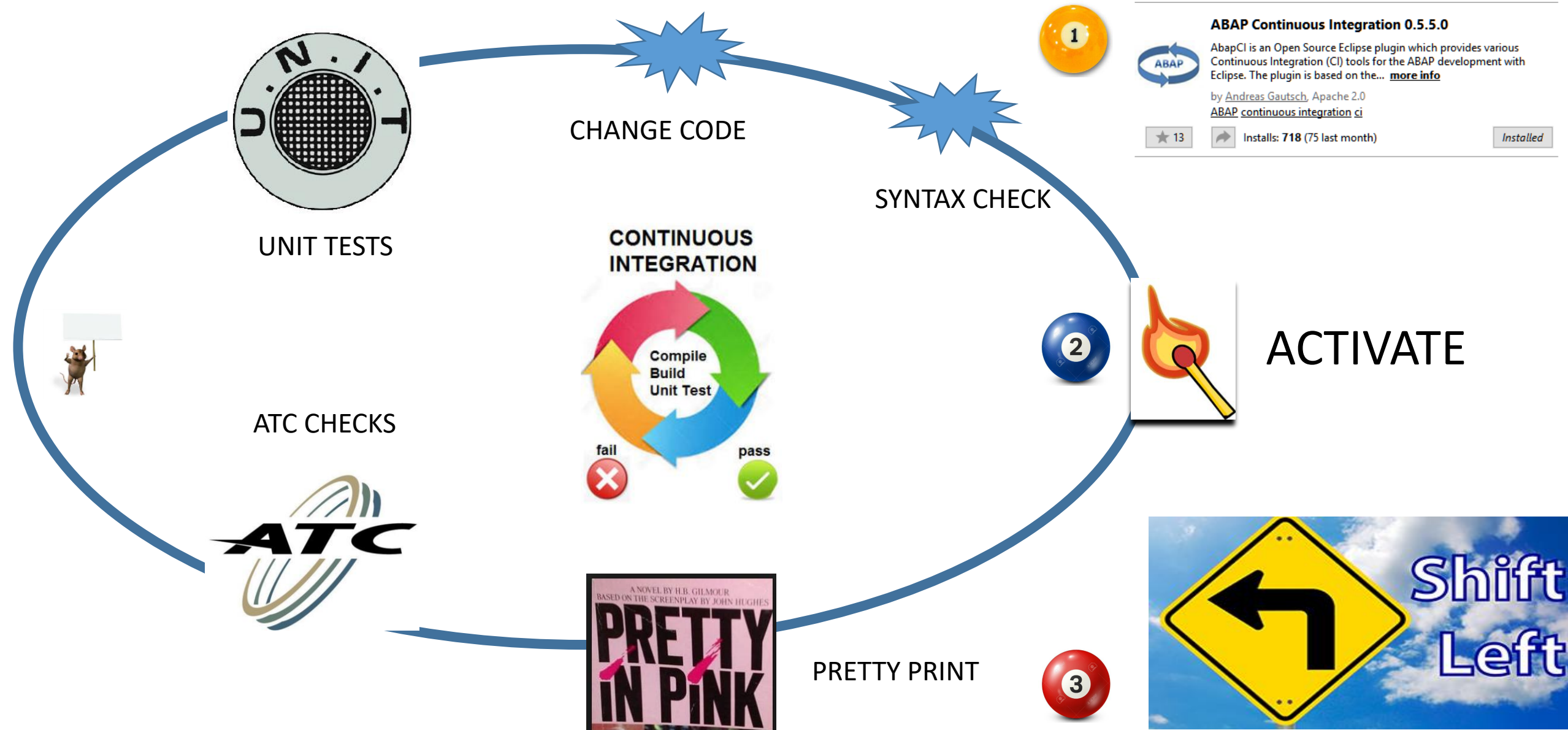
USER INTERFACE

BUSINESS LOGIC

DATABASE











- About Heidelberg Cement
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# abapGit in regard to Open Source Projects

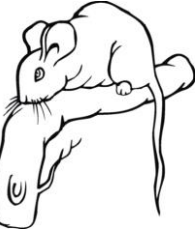




# abapGit in regard to Production Support



GitHub



PROJECT

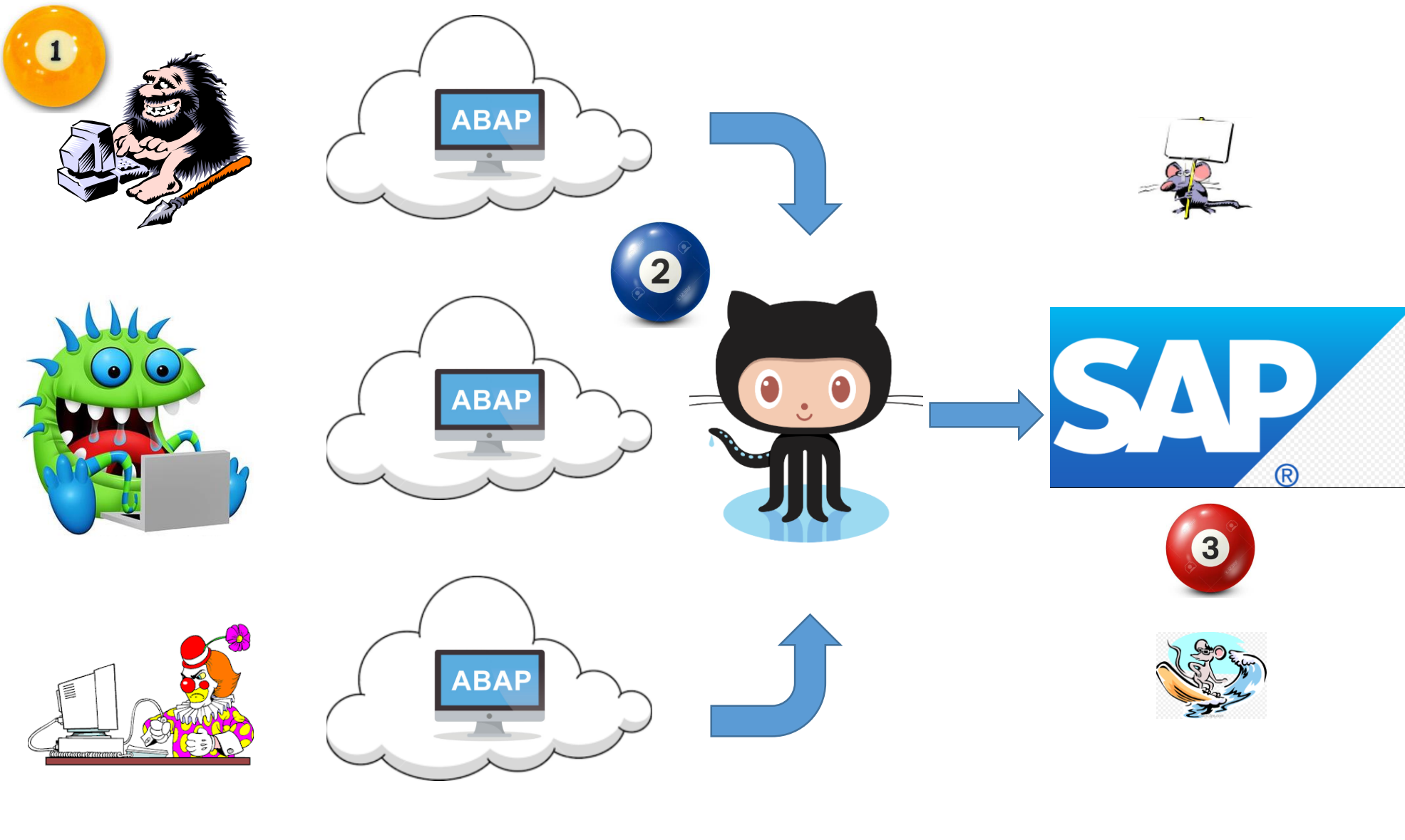


MAIN

EMERGENCY FIX



# All That You Know Is At An End







- About Heidelberg Cement
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# ABAP To the Future



Major Changes

ECC 6.0 EHP8

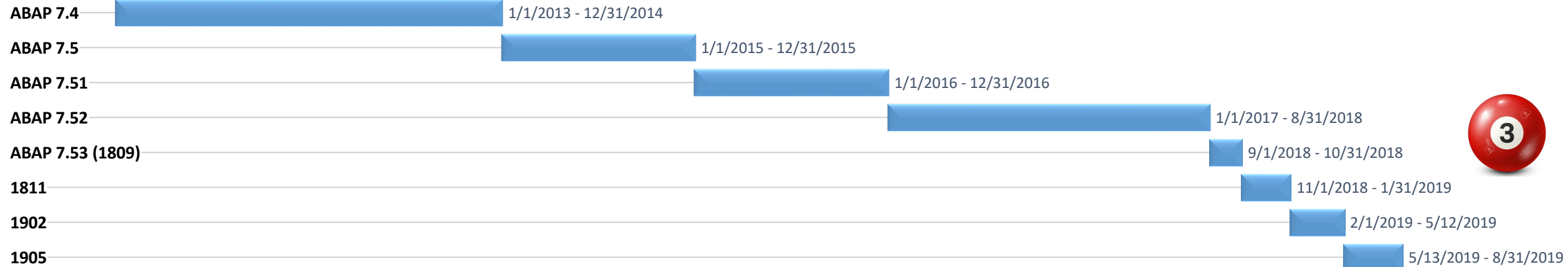
HANA Only from this point on

ABAP in the Cloud

2013



2019





# The RESTful ABAP Programming Model



ABSOLUTELY  
ANYTHING

Bestellanforderung anlegen: Übersicht Vorlagebestellanforderung (1) K1

Bestellanforderung		Bearbeiten	Springen	Umfeld	System	Hilfe
Vorlage-Banf..... 108		Belegart... NB				
Pos. L P K	Material Anforderungsmenge ME	Kurztext Lieferdatum	Warengruppe	Werk	Lörl	EKG
* 10	IHK-STAHl-1 120,000	ST	Flacheisen 8000x20x10, verzinkt T 18.05.1992 METALLBAU	0001	0001	IHK
20	IHK-STAHl-2 80,000	M	Eisenrohr 3000x50x2, schwarzgeschweißt T 18.05.1992 METALLBAU	0001	0001	IHK
30	K 5,000	M	Vierkantrohr, viereckig T 18.05.1992 METALLBAU	0001	0001	IHK

10 Able to generate Reports  
Got New UI Elements

OK

F3-Zurück F16-Übernehmen+Detail F17-Übernehmen F18-Alle ...



CDS



SEGW

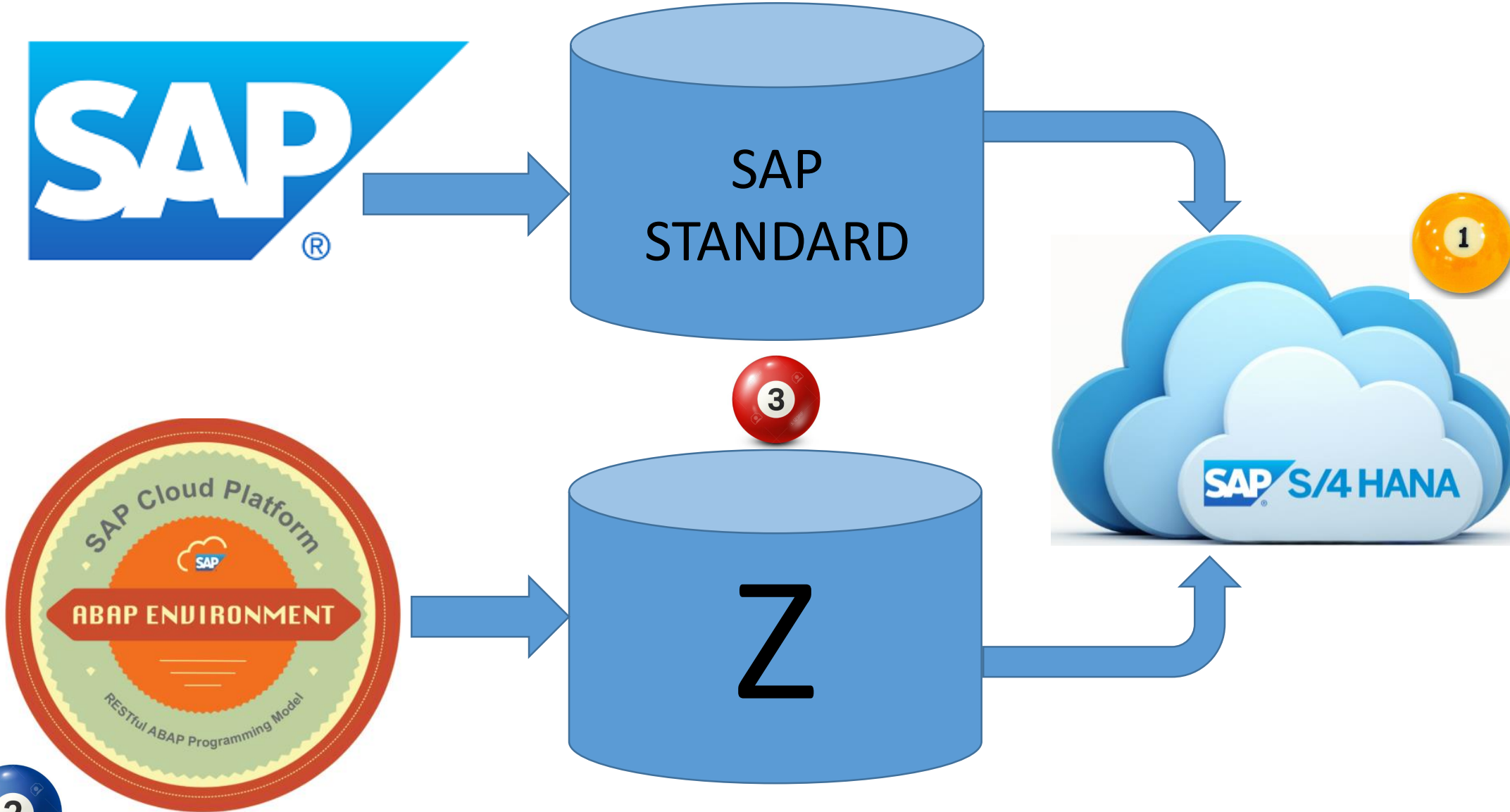


CDS



SERVICE



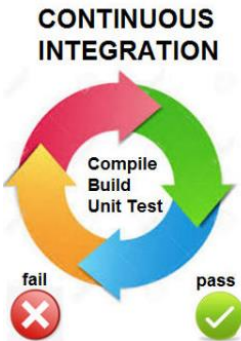


# The “BAD” News

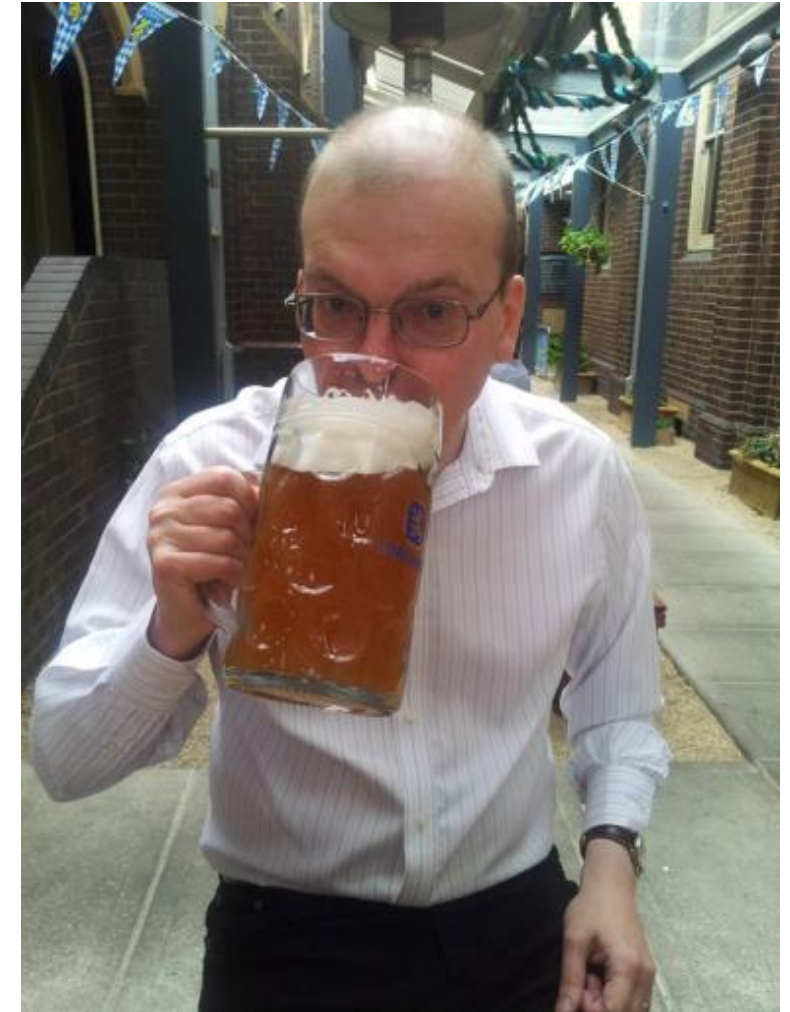
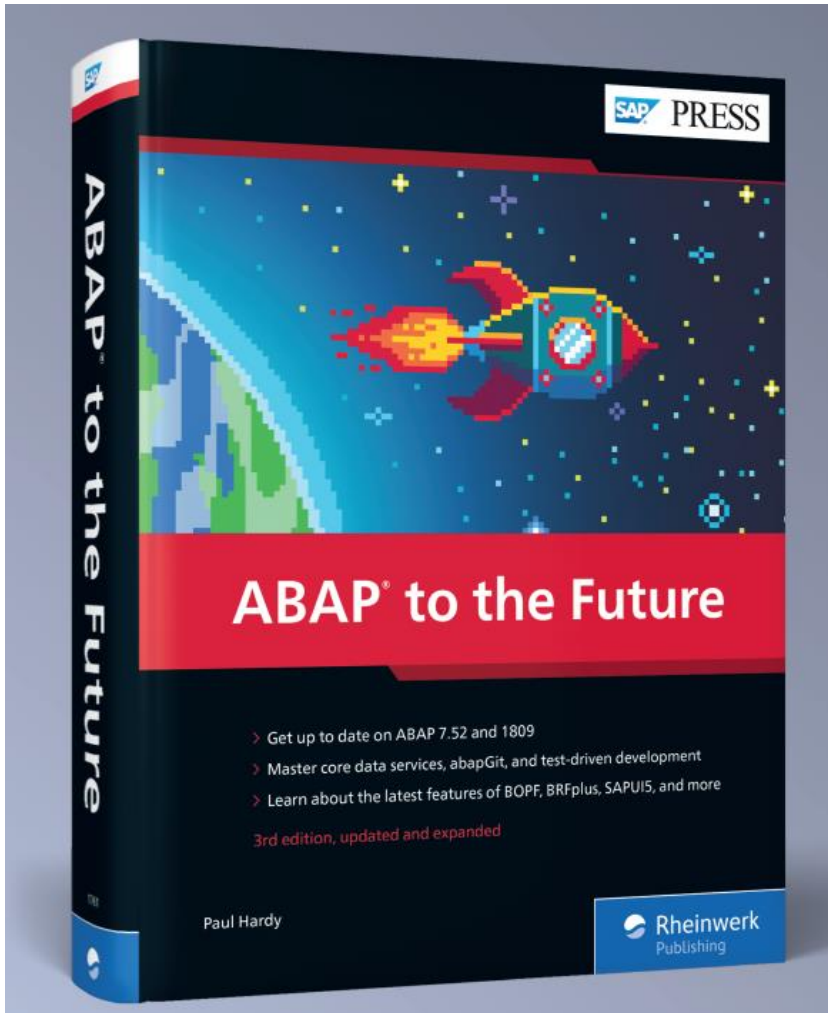




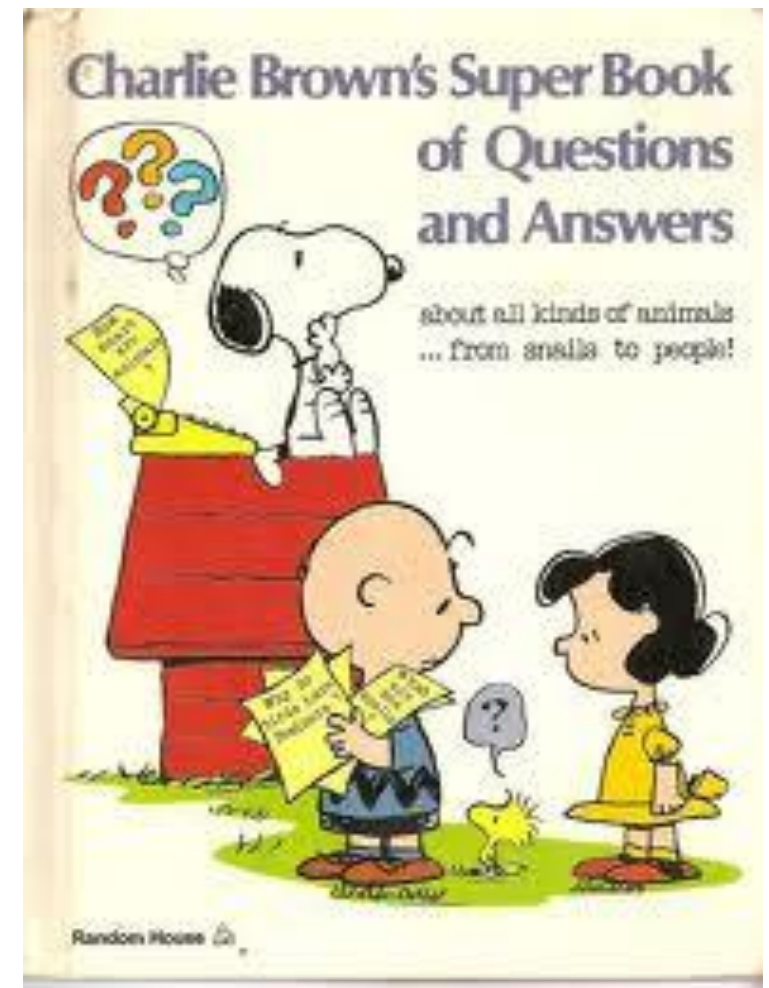
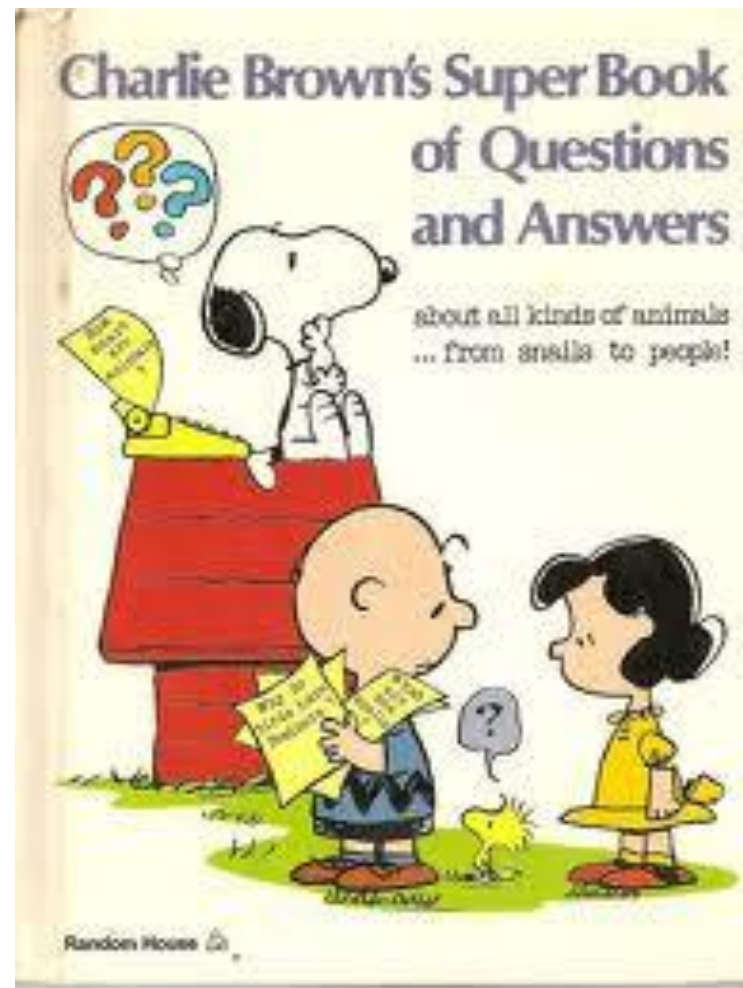
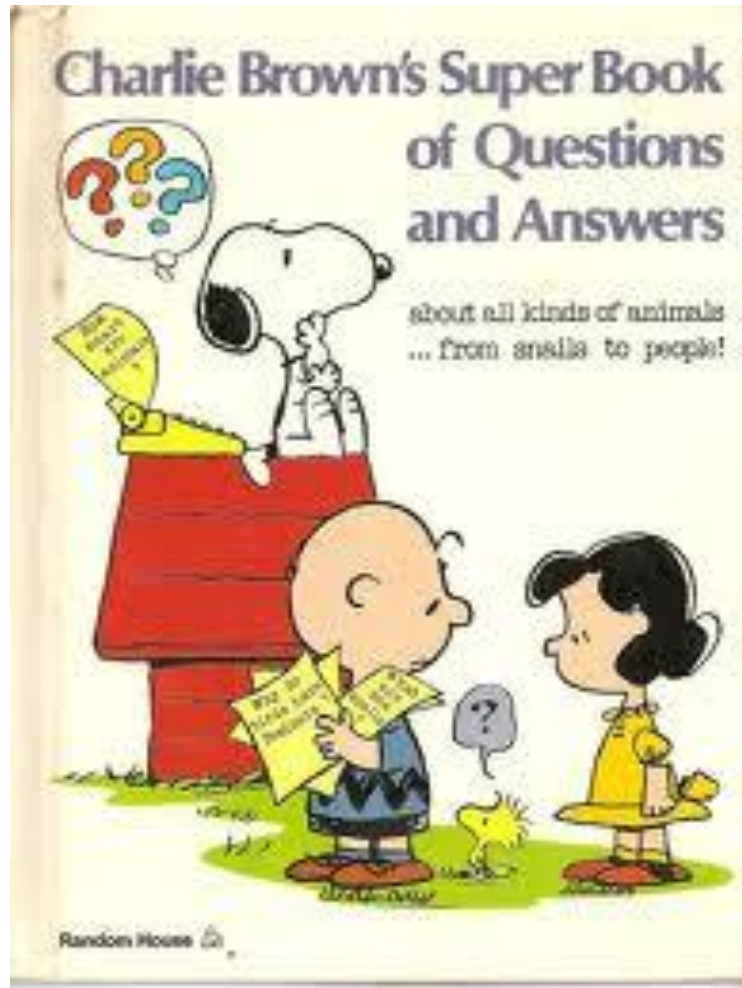
# How it all fits together...



# Shameless Plug....











- ❑ The ABAP language is evolving faster than ever before
- ❑ A Test Driven Development mindset is needed to compete in the modern world
- ❑ abapGit is the future of change control / version management in the SAP world





<http://scn.sap.com/community/abap/blog/2013/04/18/are-you-writing-evil-abap-code>

<https://blogs.sap.com/2018/08/20/abap-continuous-integration-plugin-now-with-plug-and-play/>



<https://docs.abapgit.org/>

<https://blogs.sap.com/2017/06/21/abapgit-so-easy/>



<https://blogs.sap.com/2018/10/11/abap-is-evolving/>

<https://blogs.sap.com/2018/11/27/the-future-of-sap-application-programming-according-to-teched-2018/>

