

5. Dezember 2024

abap  
conf2024

# WELCOME

# ABAPConf

LIVE | Online | On-Site | Free

MAFINEX, Mannheim, Germany

Cadaxo, Vienna, Austria

Live streams on YouTube!

```
DATA(ls_structur) = get_structur(ls_structur)
ASSERT ls_structur IS NOT INITIAL.
get_sadl( IMPORTING ls_sadl ) = get_sadl( ls_structur )
DELETE ls_sadl-attributes USING KEY sadl_attributes

LOOP AT lt_properties
  ls_attribute = VALUE #(
    name = ls_property-name
    binding = ls_property-binding
    structure = ls_structur
  )
  IF <ls_property-binding> = 'STRUCTURE'
    ls_attribute-binding = 'STRUCTURE'
  ENDIF.
  INSERT ls_attribute INTO TABLE ls_sadl-attributes
ENDLOOP.
```

# ABAPConf

3 Channels

2 Keynotes

2 Languages

21 Sessions

34 Speakers

```
DATA(ls_structure) = get_structured( <ls_entity> get ls_
ASSERT ls_structure IS NOT INITIAL.
get_sadl( IMPORTING es_sadl = DATA(ls_sadl) ).
DELETE ls_sadl-attributes USING KEY structure IF WHERE structure_id = ls_structure-id.

LOOP AT lt_property_binding ASSIGNING <ls_property_binding> WITH PROPERTY BINDING ID <ls_property_binding_id>
  ls_attribute = VALUE #( |<ls_property_binding_id>| <ls_property_binding_id> |<ls_property_binding_id>| )
  name = <ls_property_binding_id>-name.
  binding = <ls_property_binding_id>-binding.
  structure_id = ls_structure-id.
  IF <ls_property_binding_id>-is_key = abap_true.
    ls_attribute-is_key = if_sadl_type-not_is_key_true.
  ENDIF.
  INSERT ls_attribute INTO TABLE ls_sadl-attributes.
ENDLOOP.
```

# ABAPConf

Streaming

YouTube

Chat

YouTube

Problems

Chat, Twitter, E-Mail

```
DATA(ls_structure) = get_structured_ls_entity_per_ls.  
ASSERT ls_structure IS NOT INITIAL.  
get_sadl( IMPORTING es_sadl = DATA(ls_sadl) ).  
DELETE ls_sadl-attributes USING KEY structure IF WHERE structure IS = ls_structure.  
  
LOOP AT it_ls_sadl-attributes WITH ASSIGNMENT INTO ls_attribute.  
  name = <ls_attribute-binding>-name.  
  binding = <ls_attribute-binding>-binding.  
  structure IS = ls_structure.  
  
  IF <ls_property_binding>-is_key = abap_true.  
    ls_attribute-is_key = if_sadl_type-not_is_key_true.  
  ENDIF.  
  INSERT ls_attribute INTO TABLE ls_sadl-attributes.  
ENDLOOP.
```

Start: 8:30 CEST

WATCH LIVE & FOR FREE [youtube.com/@abapconf](https://youtube.com/@abapconf)

Amsterdam

Watch Party

Mannheim

Main event

Vienna

Main event



**BROADCAST  
START TIME**

**5. DECEMBER 2024**

Thank you to our Sponsors!

December 5th 2024

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```
DATA(ls_structure) = get_structure(
ASSERT ls_structure IS NOT INITIAL.
get_sadl( IMPORTING es_sadl = DATA
DELETE ls_sadl-attributes USING KEY

LOOP AT lt_property_binding ASSIGN
ls_attribute = VALUE #( |<
name
binding
structure

IF <ls_property_binding>-is_key =
ls_attribute-is_key = if_sadl_?
ENDIF.
INSERT ls_attribute INTO TABLE ls
ENDLOOP.
```



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# ABAPConf

## Manifesto

<https://abapconf.org/abapconf2024/#/manifesto>

```
DATA(ls_structure) = get_structured( ls_entity_get ls_entity ).
ASSERT ls_structure IS NOT INITIAL.
get_sadl( IMPORTING es_sadl = DATA(ls_sadl) ).
DELETE ls_sadl-attributes USING KEY structure IF WERE structure IS = ls_structure.

LOOP AT lt_property_binding ASSIGNING ls_property_binding WITH PROPERTY BINDING ( NOT INITIAL ) :
  ls_attribute = VALUE #( |< ls_property_binding-name>| )
  name         = ls_property_binding-name.
  binding       = ls_property_binding-binding.
  structure_id = ls_property_binding-structure_id.

  IF <ls_property_binding>-is_key = abap_true.
    ls_attribute-is_key = if_sadl_type( not ls_key_type ).
  ENDIF.
  INSERT ls_attribute INTO TABLE ls_sadl-attributes.
ENDLOOP.
```



# abap conf 2024

**SOUTH AFRICA**

```
DATA(ls_structure) = get_structured_data(
  ASSERT ls_structure IS NOT INITIAL.
  get_sadl( IMPORTING es_sadl = DATA(ls_sadl)
    DELETE ls_sadl-attributes USING KEY structure ).
```

```
LOOP AT lt_property_binding ASSIGNING ls_property_binding
  ls_attribute = VALUE #(
    name = <ls_property_binding->name
    binding = <ls_property_binding->binding
    structure_id = <ls_property_binding->structure_id ).
```

```
IF <ls_property_binding>-is_key = abap_true.
  ls_attribute-is_key = if_sadl_type_is_key(
  ENDIF.
  INSERT ls_attribute INTO TABLE ls_sadl-attributes.
ENDLOOP.
```





Time			Channel 1	Channel 2	Channel 3
			Location Mannheim	Location Vienna	Location Mannheim
08:00 - 09:00			Registrierung Coffee & Breakfast		
08:00 - 09:00			60 Min		
08:45 - 09:00			15 Min		
			Willkommen / Welcome		
			ABAPConf Orga Team Language: DE / EN		
09:00 - 09:50			Keynote K 1 Stephan Heinberg University of Zurich Language: EN		
09:50 - 10:40			50 Min		
			V 101 ABAP Cloud - A life after the report Björn Schulz Language: DE	V 201 Streamlining ABAP Code reviews with AI: ABAP GenAI Co-pilot on Microsoft Teams for S/4HANA on-premise Pankaj Yadav Language: EN	V 301 Key User and Developer Extensibility Options - Best practices Thomas Schneider / Kai Dehmann Language: EN
10:40 - 11:30			50 Min		
			V 102 Releasemanagement mit gCTS Christopher Graw Language: DE	V 202 Making an OnPremise ABAP CI/CD with Github Actions Simone Gaffurini Language: EN	V 302 Implementing Extension Fields using Key user and Developer Extensibility-Do's and Don'ts Karsten Schaser / Daniel Wachs Language: EN
11:30 - 12:20			50 Min		
			V 103 Quo vadis ABAP Devs? Sören Schlegel Language: DE	V 203 Lessons learned building a product on Clean Core ABAP on S/4HANA public cloud Robert Eijpe / Octavian Mihail Savu Language: EN	V 303 Enable OData Streams in RAP Pavan Kumar Reddy / Ankita Singh Language: EN
12:20 - 12:30			10 Min		
			Meet the Speakers		
12:30 - 13:30			60 Min		
			Mittagessen / Lunch		
13:30 - 14:20			50 Min		
			V 104 Unit Test your Business Objects in RAP Martin Jonen Language: EN	V 204 Dokumentengenerierung mit dox42 in ABAP RAP Lisa Pulsinger / Johann Fößleitner Language: DE	V 304 Clean core extensibility with ABAP Cloud in SAP S/4HANA Cloud Private Edition Volker Drees / Fabian Fellhauer Language: EN
14:20 - 15:10			50 Min		
			V 105 apm - From Vision to Reality Marc Bernard Language: EN	V 205 Verloren im CDS Dschungel? Dusan Sacha / Oliver Wahrstötter Language: DE	V 305 ABAP Test Cockpit (ATC) goes Cloud – ATC on SAP BTP Olga Dolinskaja / Thomas Fiedler Language: EN
15:10 - 16:00			50 Min		
			V 106 Von SAPscript zu Adobe Forms - Freud und Leid in der Formularentwicklung Frank Engert / Michael Keller Language: DE	V 206 Secure custom SAP development - Typical security issues in ABAP code Ivan Mans Language: EN	V 306 Advanced New ABAP George Drakos Language: EN
16:00 - 16:10			10 Min		
			Meet the Speakers		
16:10 - 16:30			20 Min		
			Kaffeepause / Coffee break		
16:30 - 17:20			50 Min		
			V 107 ABAP Hybrid - Magie mit Graph Datenmodellen Jörg Müller Language: DE	V 207 Programming Glitches and ABAP Hacks Enno Wulff Language: DE	V 307 Integration Troubleshooting in the SAP BTP, ABAP Environment Ingo Bräuninger Language: EN
17:20 - 18:10			50 Min		
			K 2 Closing Keynote The Modern SAP Full-Stack Developer Speaker: Sören Schlegel Fiori Elements meets ABAP Cloud: Demos and Outlook Tool Bridge (BAS/ADT), Analytical List Page (ALP), Treeview Edit (RAP), AI Support Speakers: Christoph Gollmick, Volker Drees, Fabian Fellhauer Language: EN		
18:10 - 18:20			10 Min		
			Meet the Speakers		
18:20 - 18:25			5 Min		
			This was the last ABAPConf		

German

English

Speaker: On-Site

Speaker: Remote

Speaker: SAP



Tobias Hofmann



Sören Schlegel



Johann Föbleitner



Domi Bigl



Stephan Heinberg



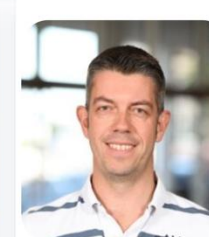
Björn Schulz



Christopher Graw



Fabian Fellhauer



Thomas Fiedler



Olga Dolinskaja



Martin Jonen



Marc Bernard



Frank Engert



Michael Keller



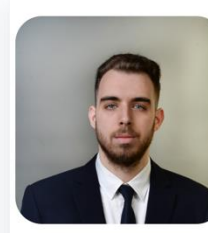
Jörg Müller



Pankaj Yadav



Simone Gaffurini



George Drakos



Ingo Bräuninger



Christoph Gollmick



Robert Eijpe



Octavian Savu



Regina Hochecker



Dusan Sacha



Oliver Wahrstötter



Ivan Mans



Enno Wulff



Thomas Schneider



Kai Dehmann



Karsten Schaser



Daniel Wachs



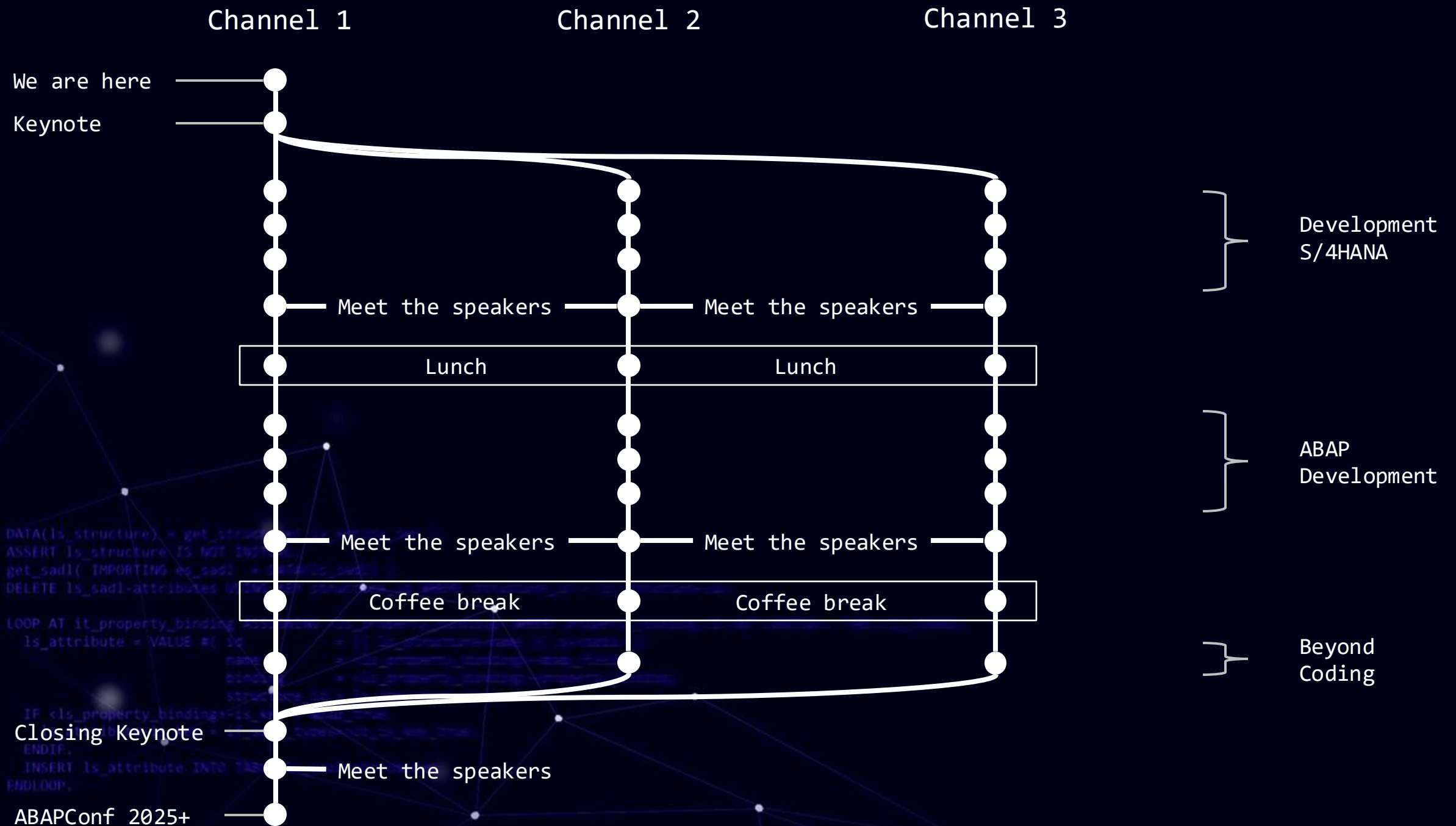
Pavan Reddy



Ankita Singh



Volker Drees





5. Dezember 2024

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2025+

```
DATA(ls_struct) = ...  
ASSERT ls_struct IS NOT INITIAL.  
get_sadl( IMPORTING es_sadl = DATA(es_sadl) )  
DELETE ls_sadl-attributes USING KEY structure_id WHERE structure_id = ls_struct->id.  
  
LOOP AT lt_property_binding ASSIGNING <ls_property_binding> WHERE property_binding_id NOT INITIAL.  
  ls_attribute = VALUE #( |<ls_struct->name| |<ls_struct->id| |<ls_struct->id| )  
  name = <ls_struct->name  
  binding = <ls_struct->binding  
  structure_id = <ls_struct->id  
  
  IF <ls_property_binding>-is_key = abap_true.  
    ls_attribute-is_key = if_sadl_type-ot_is_key_true.  
  ENDIF.  
  INSERT ls_attribute INTO TABLE ls_sadl-attributes.  
ENDLOOP.
```

# ABAPConf

Thank you!

~100 attendees on-site

~1,500 registrations

```
DATA(ls_struct) = VALUE #( name = 'ABAPConf' structure = 'ABAPConf' ).  
ASSERT ls_struct = VALUE #( name = 'ABAPConf' structure = 'ABAPConf' ).  
get_sapl( IMPORTING ls_struct = ls_struct ).  
DELETE ls_sapl-attributes USING KEY structure FROM ls_struct-attributes.  
  
LOOP AT lt_property_binding ASSIGNING ls_property_binding WITH PROPERTY BINDING FROM DATA( 'ABAPConf' ).  
    ls_attribute = VALUE #( ls_struct-attributes = ls_struct-attributes ).  
    name = ls_property_binding-name.  
    binding = ls_property_binding-binding.  
    structure_id = ls_struct-attributes-structure_id.  
  
    IF <ls_property_binding>-is_key = 'ABAPConf'.  
        ls_attribute-is_key = if_sapl_type( 'ABAPConf' ).  
    ENDIF.  
    INSERT ls_attribute INTO TABLE ls_sapl-attributes.  
ENDLOOP.
```

## Channel 1

## Channel 2

## Channel 3

**08:45 Welcome:** ABAPConf Orga Team, *German & English*

**09:00 Keynote:** Modernizing an R/3 Solution with ABAP Cloud - Light and Shadow  
Stephan Heinberg, University of Zurich, *English*

09:50	ABAP Cloud - A life after the report Björn Schultz, <i>German</i>	Stremlining ABAP Code reviews with AI: ABAP GenAI Co-pilot on MS Teams for S/4 OnPremise? Pankaj Yadav, <i>English</i>	Key User and Developer Extensibility Options Best practices Thomas Schneider, Kai Dehmann, <i>English</i>
10:40	Releasemanagement mit gCTS Christopher Graw, <i>German</i>	Making an OnPremise ABAP CI/CD with Github Actions Simone Gaffurini, <i>English</i>	Implementing Extensiuon Fields using Key user and Developer Extensibility - Do's and Don'ts Georg Wilhelm, Daniel Wachs, <i>English</i>
11:30	Quo vadis ABAP Devs Sören Schlegel, <i>German</i>	Lessons learned building a product on Clean Core ABAP on S/4 Public Cloud Robert Eijpe, Octavian Mihail Savu, <i>English</i>	Enable Odata Streams in RAP Pavan Kumar Reddy, Ankita Singh, <i>English</i>
12:20	Meet the Speakers & Lunch break	Meet the Speakers & Lunch break	Meet the Speakers & Lunch break
13:30	Unit Test your Business Objects in RAP Martin Jonen, <i>English</i>	Dokumentengenerierung mit dox42 in ABAP Regina Hochecker, Johann Fößleitner, <i>German</i>	Clean core extensibility with ABAP Cloud in SAP S/4HANA Cloud Private Volker Drees, Fabian Fellhauer, <i>English</i>
14:20	apm - From Vision to Reality Marc Bernard, <i>English</i>	Verloren im CDS Dschungel Dusan Sacha, Oliver Wahrstötter, <i>German</i>	ABAP Test Cockpit (ATC) goes Cloud - ATC on SAP BTP Olga Dolinskaja, Thomas Fiedler, <i>English</i>
15:10	Von SAPScript zu Adobe Forms - Freud und Leid in der Formularentwicklung Frank Engert, Michael Keller, <i>German</i>	Secure custom SAP development - Typical security issues in ABAP Code Ivan Mans, <i>English</i>	Advanced New ABAP George Drakos, <i>English</i>
16:00	Meet the Speakers & Coffee break	Meet the Speakers & Coffee break	Meet the Speakers & Coffee break
16:30	ABAP Hybrid - Magie mit Graph Datenmodellen Jörg Müller, <i>German</i>	Programing Glitches and ABAP Hacks Enno Wulff, <i>German</i>	Integration Troubleshooting in the SAP BTP, ABAP Environment Ingo Bräuninger, <i>English</i>

**17:20 Closing Keynote:** The Modern SAP Full-Stack Developer  
Sören Schlegel, Christoph Gollmick, Christoph Laux, Volker Drees, Fabian Fellhauer, *English*

December 5<sup>th</sup>, 2024

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## Keynote

# Modernizing an R/3 Solution with ABAP Cloud Light and Shadow

December 5<sup>th</sup>, 2024

9:00 CET|3:00 ET|13:30 IST

Doors open/Warm-Up: 8:45 CET|2:45 ET|13:15 IST



*Stephan Heinberg*  
University of Zurich