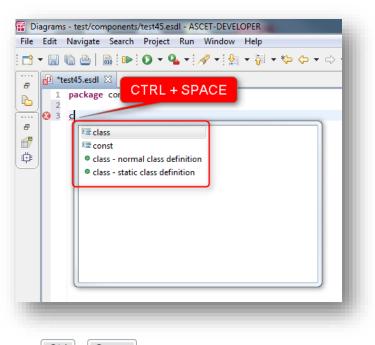
## Content assist (auto completion) not working in editor



- Content assist is not working in Eclipse based tool like ISOLAR-A or ASCET-DEVELOPER
- How can I enable autocomplete in ASCET?
  - In ASCET-DEVELOPER:



- I used to press Ctrl + Space to open content assist
- All of a sudden, this does not work anymore
- How to enable this feature again?

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• In ISOLAR-A > Dialog Naming Rule Configurator: 'Ctrl + Space' does not work

🐏 Naming Rule	Configurator	
_	ning convention Rules for target AUTOSAR Element	
Use 'Ctrl + Spa	ce' for content assist in 'Rule Pattern and AR Element'	
1	PPort	
AR Element * :		
Context * :	All	-
Description :		*
		-
Rule Pattern * :		
Package :		÷
?	Einish	Cancel
_		

- I press 'Ctrl + Space' then there is no content assist!
- Instead of a content assists: my keyboard layout setting is switched from German to Chinese!
- Before 'Ctrl + Space'



• After 'Ctrl + Space'



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When it works it looks like in the following image where the content assist (drop down list with • suggestions) can be seen:

R Element * : All context * : All lescription : ule Pattern * : ackage :	PackageableElement     ParameterAccess     ParameterDataPrototype     ParameterDataPrototype     ParameterSwComponentType     PassThroughSwConnector     Pdu     Pdu     PduToframeMapping     PduTriggering     PeriodicEventTriagering     PeriodicEventTriagering	-	
?)			

or

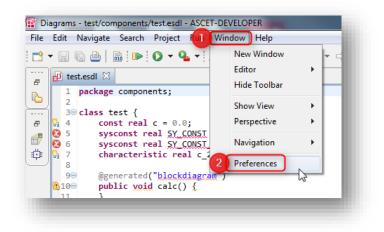
-	ing convention Rules for target AUTOSAR Element ce' for content assist in 'Rule Pattern and AR Element'
AR Element * :	p
Context * :	All
Description :	^
Rule Pattern * : Package :	Prefix* - STRING
?	Finish Cancel

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- Start by double checking which keys are bound to the content assist
  - Go to Menu bar > Window > Preferences



 In dialog Preferences: General > Keys > On the right hand side, in search text field: type "content" > In the table go to Content Assist

filter text	Keys			← → ⇒ → →
ieneral	•			
Appearance	Scheme: Default			
Compare/Patch	beneficial bendar			
Content Types	content			R
> Editors				
Globalization	Command	Binding	When	Category
Keys	C/C++ Content Assist (Basic Proposals)			Edit
Network Connections	C/C++ Content Assist (Help Proposals)			Edit
Perspectives	C/C++ Content Assist (Parsing-based Proposals)			Edit
Search	C/C++ Content Assist (Template Proposals)			Edit
Security	C/C++ Content Assist (Word Proposals)			Edit
Startup and Shutdown	Content Assist	Ctrl+Space	In Dialogs and Windo	
UI Responsiveness Mon	Content Assist (Basic Proposals)			Edit
Web Browser	Content Assist (Java Non-Type Proposals)			Edit
Welcome	Content Assist (Java Proposals)			Edit
Workspace	Content Assist (Java Type Proposals)			Edit
UTOSAR	Content Assist (SWT Template Proposals)			Edit
lock Diagram	Content Assist (Template Proposals)			Edit
/C++	Content Assist (Word Proposals)			Edit
clipse Diagram Layout	Preferences (C/C++ > Editor > Content Assist > Advanced)			Window
MF Compare SDL	Preferences (C/C++ > Editor > Content Assist)			Window
	Preferences (General > Content Types)			Window Window
xperiment Help	Preferences (Java > Editor > Content Assist > Advanced)			Window
nstall/Update	Preferences (Java > Editor > Content Assist > Favorites) Preferences (Java > Editor > Content Assist)			Window
ava	Preferences (JAVA > Editor > Content Assist) Preferences (XML > XML Files > Editor > Content Assist)			Window
lantUML	Show In (Content Model)			Navigate
un/Debug	Show View (Content Model)			Views
tate Machine	Show view (Content Wodel)			VIEWS
eam				
alidation	٠ III			F.
ML				
inc.	Constant United Comment Derton Comment		Filters	Emark COV
	Copy Command Unbind Command Restore Command		Filters	. Export CSV
	Name: C/C++ Content Assist (Basic Proposals)			
	Description: A parameterizable command that invokes content assist	Conflicts:		
	with a single completion proposal category	Command	When	
		Command	when	
	Binding: <			
	When:			
4 11			Restore De	faults Apply
			ОК	Cancel

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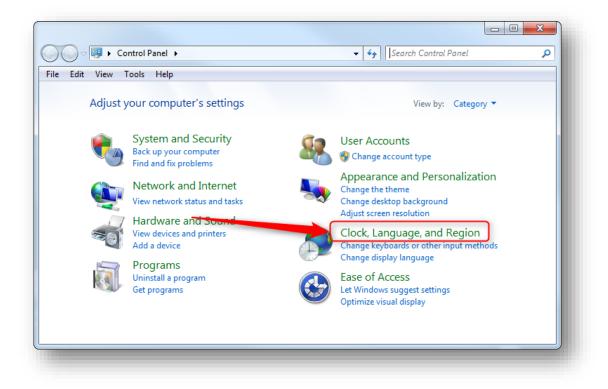
- Sometimes, the short cut key combination (default: CTRL + SPACE) is hijacked by another program (or even the operating system)
- Example:
  - For the example provided above (in section Question; switch of keyboard layout language setting from German to Chinese) the resolution is as follows:
  - Resolution for Windows 7
    - Steps and design may differ slightly to other versions of Windows
  - In Windows > Click on Start icon



• Click on Control Panel

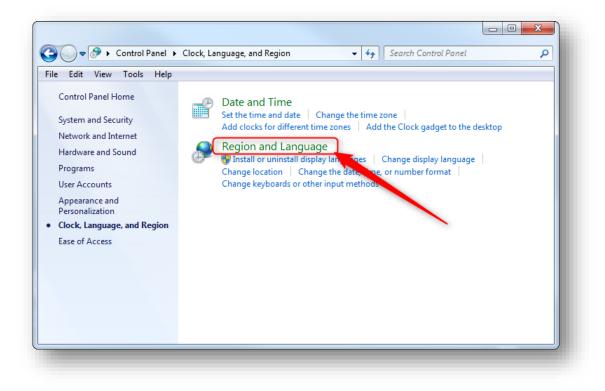


• Click on Clock, Language, and Region



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• Click on Region and Language



Click on tab Keyboards and Languages

ormats Location	Keyboards and Languages Administrative
Format:	
German (German	y) 🗸
Change sorting m	<u>ethod</u>
Date and time fo	ormats
Short date:	dd.MM.yyyy
Long date:	dddd, d. MMMM уууу
Short time:	HH:mm 🔻
Long time:	HH:mm:ss 🔻
First day of week	c Montag 🗸
What does the n	otation mean?
Examples	
Short date:	16.11.2017
Long date:	Donnerstag, 16. November 2017
Short time:	13:46
Long time:	13:46:45
	Additional settings
Go online to learn	about changing languages and regional formats
	OK Cancel Apply

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• Click button Change keyboards...

Keyboards and other input	
To change your keyboard	or input language click Change keyboards.
How do I change the key!	Change keyboards
Display language	
	ges that Windows can use to display text and ze speech and handwriting.
	🚱 Install/uninstall languages
Choose a display languag	ge:
English	•
How can I install additional	languages?
	OK Cancel Apply

• Click tab Advanced Key Settings

neral Language Bar Advanced Key Settings	
Default input language	
Select one of the installed input languages use as the fields.	e default for all input
German (Germany) - German	•
Installed services Select the services that you want for each input langua Use the Add and Remove buttons to modify this list.	ge stown in the list.
<ul> <li>Chinese (Simplified) - Microsoft Pinyir</li> <li>Chinese (Simplified) - Microsoft Pinyir</li> <li>Chinese Simplified QuanPin (version</li> <li>Chinese Simplified ZhengMa (versior)</li> </ul>	$\mathbf{X}$
DE German (Switzerland)	Add
- Swiss German	Remove
	Properties
DE German (Liechtenstein)	Froperties
🦾 🚝 Keyboard 🗧	Move Up
Keyboard E	Move Down
Keyboard German	Move Down
German	Move Down

## DRIVING EMBEDDED EXCELLENCE

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- In table Hot keys for input languages:
  - Click on line with Ctrl+Space in column Key sequence
  - And then click button Change Key Sequence...

eneral Language Bar Advance	ed Key Settings	
To turn off Caps Lock		
Press the CAPS LOCK key	Press the SHIFT kee	y
Hot keys for input languages		
Action	Key	sequence
Between input languages		(None)
To Chinese (Simplified, PRC) - (	Chinese (Simplified) - Microso	(None)
To Chinese (Simplified, PRC) - C	Chinese (Simplified) - Microso	(None)
To Chinese (Simplified, PRC) - C	Chinese (Simplified) - US Ke	(None)
To Chinese (Simplified, PRC) - C	Chinese Simplified QuanPin (	(None)
To Chinese (Simplified, PRC) - C	Chinese Simplified ZhengMa	(None)
To Chinese (Simplified, Singapo	ore) - Chinese (Simplified, Si	(None)
To Chinese (Traditional, Taiwar	n) - Chinese (Traditional) - N	(None)
To Chinese (Traditional, Taiwar	n) - Chinese (Traditional) - U	(None)
To English (United States) - US		(None)
To German (Germany) - German	n	(None)
To German (Liechtenstein) - Ge	man	(None)
To German (Switzerland) - Swis	s German	(None)
Chinese (Traditional) IME - Ime/	/Nonlme Toggle 10	trl+Space
Chinese (Simplified) IME - Ime/N	NonIme Toggle 💦 🔍 🤇	trl+Space
	2 Change Key Sequ	ence
_	OK Cancel	

- In dialog Change Key Sequence at field Key:
  - Select any key but Space, for example Page\_Up
  - And click button OK

Change Key Sequence
Chinese (Traditional) IME - Ime/NonIme Toggle  Ctrl  Ctrl  Ctrl  Ctrl  Ctrl  Cancel

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• Back in the previous dialog:

Fo turn off Caps Lock		
Press the CAPS LOCK key	Press the SHIFT	key
Hot keys for input languages		
Action	к	ey sequence
Between input languages		(None)
To Chinese (Simplified, PRC) - Chine	ese (Simplified) - Microso	· · · · ·
To Chinese (Simplified, PRC) - Chine	ese (Simplified) - Microso	(None)
To Chinese (Simplified, PRC) - Chine	ese (Simplified) - US Ke	. (None)
To Chinese (Simplified, PRC) - Chine	ese Simplified QuanPin (	(None)
To Chinese (Simplified, PRC) - Chine	ese Simplified ZhengMa	(None)
To Chinese (Simplified, Singapore) -	Chinese (Simplified, Si	(None)
To Chinese (Traditional, Taiwan) - C	Chinese (Traditional) - N.	. (None)
To Chinese (Traditional, Taiwan) - C	Chinese (Traditional) - U.	. (None)
To English (United States) - US		(None)
To German (Germany) - German		(None)
To German (Liechtenstein) - German	n	(None)
To German (Switzerland) - Swiss Ge	eman	(None)
Chinese (Traditional) IME - Ime/Nor	nlme Toggle 🛛 🛛 🖸	trl+Page_Up
Chinese (Simplified) IME - Ime/NonI	me Toggle	Ctrl+Space
	Change Key Se	quence

- Click on line with Ctrl+Space in column Key sequence
- And then click button Change Key Sequence...

neral Language Bar Advanced Key Settings	
To turn off Caps Lock	
Press the CAPS LOCK key	ey
Hot keys for input languages	
Action Key	sequence
Between input languages	(None)
To Chinese (Simplified, PRC) - Chinese (Simplified) - Microso	(None)
To Chinese (Simplified, PRC) - Chinese (Simplified) - Microso	(None)
To Chinese (Simplified, PRC) - Chinese (Simplified) - US Ke	(None)
To Chinese (Simplified, PRC) - Chinese Simplified QuanPin (	(None)
To Chinese (Simplified, PRC) - Chinese Simplified ZhengMa	(None)
To Chinese (Simplified, Singapore) - Chinese (Simplified, Si	(None)
To Chinese (Traditional, Taiwan) - Chinese (Traditional) - N	(None)
To Chinese (Traditional, Taiwan) - Chinese (Traditional) - U	(None)
To English (United States) - US	(None)
To German (Germany) - German	(None)
To German (Liechtenstein) - German	(None)
To German (Switzerland) - Swiss German	(None)
	+Page_Up
Chinese (Simplified) IME - Ime/NonIme Toggle	Ctrl+Space
2 Change Key Sequ	ence
OK Cancel	Apply

- In dialog Change Key Sequence at field Key:
  - Select any key but **Space**, for example **Page\_Down**
  - And click button OK

		Space Page_Down End Home F1		1
		F2 F3 F4 F5 F6 F7	3	=
		F7 F8 F9 F10		-
		F11 F12 SEMICLN EQUAL COMMA MINUS PERIOD SLASH		
Change Key See	New York Control of Co	LBRACKET BSLASH RBRACKET		
Chinese (Simplifie			- 2	ок
Ctrl	•	Key: Space		
				Cancel

• Back in the previous dialog:

To turn off Caps Lock	
Press the CAPS LOCK key     Press the	SHIFT key
Hot keys for input languages	
Action	Key sequence
Between input languages	(None)
To Chinese (Simplified, PRC) - Chinese (Simplified) - I	Microso (None)
To Chinese (Simplified, PRC) - Chinese (Simplified) - I	Microso (None)
To Chinese (Simplified, PRC) - Chinese (Simplified) -	JS Ke (None)
To Chinese (Simplified, PRC) - Chinese Simplified Qu	an Pin ( (None)
To Chinese (Simplified, PRC) - Chinese Simplified Zhe	engMa (None)
To Chinese (Simplified, Singapore) - Chinese (Simplifi	ed, Si (None)
To Chinese (Traditional, Taiwan) - Chinese (Tradition	al) - N (None)
To Chinese (Traditional, Taiwan) - Chinese (Tradition	· · · ·
To English (United States) - US	(None)
To German (Germany) - German	(None)
To German (Liechtenstein) - German	(None)
To German (Switzerland) - Swiss German	(None)
Chinese (Traditional) IME - Ime/NonIme Toggle Chinese (Simplified) IME - Ime/NonIme Toggle	Ctrl+Page_Up Ctrl+Page_Down
Chinese (Simplified) ME - Ime/Nonline Toggle	Cur+Fage_Down
Change	Key Sequence
Зок	ancel 2 Apply

- Make sure that there is no more entry with Ctrl+Space
- Then click **Apply** button and finally **OK** button

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## *i* Additional information:

- If these steps do not help you further:
  - Please search in the internet for: "Eclipse CONTROL + SPACE"
  - There are several solutions available in the internet, for example:
    - · Installing a tool which identifies key bindings or
    - Hacking the Windows Registry (WARNING: Make sure that you know what you are doing, and backup is always a good idea)
- If you feel uncomfortable to tackle this issue then please contact ETAS Support



- You will find further FAQ articles on the ETAS homepage: www.etas.com/en/faq
- Movies corresponding to FAQ articles can be found on the ETAS YouTube channel as well
- Please feel free to contact our Support Center, if you have further questions.
- Here you can find all information: <u>http://www.etas.com/en/hotlines.php</u>

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