



Untis 2025

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1 General information

In order to be able to provide you with functions faster and in higher quality to your satisfaction in the spirit of agile software development, we have also made a number of improvements during the year following the release of Untis 2024.0. These are documented centrally here.

1.1 Untis 2024 - changes during the year

Performance improvements

The Untis team is constantly working on performance so that working with Untis is possible smoothly and without waiting times, even with large amounts of data. For example

- With Untis 2024.1.0, for example, the loading time of the Untis file with large amounts of data has been shortened and subsequently
- when planning manually in the planning dialog and simultaneously opening timetables, and generally when
- working with the lesson matrix and
- collapsing/expanding rows in lesson windows

has significantly improved performance.

Classes - class teacher teaching window

Due to a suggestion at a user meeting in NRW, since Untis 2024.2.0 the class teacher of the classes is also displayed in the heading line of the classes - lessons window.

The top screenshot shows the 'Klassen / Klasse' window with the following table:

Name	Langname	Hauptklasse	Text	Raum	Klassenlehrer	Std./Tag	Fix (X)
1a	Klasse 1a			R1a	Fer, Gauss	4-6	<input type="checkbox"/>
1b	Klasse 1b			R1b	New	4-6	<input type="checkbox"/>
2a	Klasse 2a			R2a	Hugo	4-7	<input type="checkbox"/>
2b	Klasse 2b			R2b	Ander	4-7	<input type="checkbox"/>
3a	Klasse 3a			R3a	Arist	4-8	<input type="checkbox"/>

The bottom screenshot shows the 'Klasse 1a / Klasse [Fer, Gauss]' window with the following table:

U-Nr	Kl, Le	Nvpl	Std.	Lv-Id	Wst	Lehrer	Fach	Klasse(n)	Schülergruppe	Fachraum	ZeilenText
			0.00		34.00						
1				10000	2	Hugo	Gw	1a			
3	2, 2 (i)			50000	2	Magn	TEC	1a, 1b	MÄD_1a	Werkr	
				3461600		Curie	TEX	1a, 1b	BUB_1a	Twr	
4	2, 2			80000	3	Arist	Sport	1a, 1b	MÄD_1a	Th2	Burschen
				90000		Bach	Sport	1a, 1b	BUB_1a	Th1	Mädchen

Diagnosis

Since Untis 2024.7.0, the set window size remains unchanged when switching to a new diagnosis point.

The screenshot shows the 'Stundenplan-Diagnose' window. The left pane displays a list of diagnosis points with columns for 'Gw.' (weight) and 'Anz.' (count). The right pane shows the details for the selected point, including a table of affected classes and a list of specific violations.

Diagnose	Gw.	Anz.
Diagnose	Alle	>= 1
Unterricht		1
Unterricht mit fehlenden Lehrern	*	1
Klasse		297
Klassenhohlstunden	5	6
Stunden pro Tag zu wenig	5	6
Stunden pro Tag zu viele	5	2
Klassenkollision unerlaubt	*	51
Verplanung auf gesperrte Stunde	*	73
Tag ohne Klassenlehrer	0	159
Lehrer		133
Doppelhohlstunde	5	55
Tageswunsch nicht erreicht	5	8
Stunden pro Tag zu wenig	4	2
Stunden pro Tag zu viele	4	33
Kernzeit-Verletzung (Zeitw. +3)	5	2
Einzelstunde an Halbtage	5	2
Lehrerkollision unerlaubt	*	2
Verplanung auf gesperrte Stunde	*	26
Isolierte Pausenaufsicht	*	3
Raum		249
Fachraum nicht verplant	0	205
Stunde ohne Raum	0	8
Doppelstunden in verschiedenen Räumen	*	4
Raumkollision unerlaubt	*	32
Fach		184
Fach 2 Mal pro Tag	3	35
Doppelstunden-Fehler	5	35
Unerlaubte Doppelstunde	5	6
2-Stunden-Fach an Folge-Tagen	0	82
3-Stunden-Fach an Folge-Tagen	0	6
Randstunden-Verletzung	4	7
Verplanung auf gesperrte Stunde	*	13
Student		
Unterrichtsfolgen		

Weekly values

Based on several support requests, explanatory tooltips have been added to the "Timetable/lessons" and "Timetable/values" settings in the Weekly values window.

Woche	Von - Bis	Per	Vertr.	Werte	(U+A+V) Ist-Soll
27	6.2.-12.2.	1	20.000	20.000	20.000
28	13.2.-19.2.	1	20.000	20.000	20.000
29	20.2.-26.2.	1	20.000	20.000	20.000
30	27.2.-5.3.	1	20.000	20.000	20.000
31	6.3.-12.3.	1	20.000	20.000	20.000
32	13.3.-19.3.	1	20.000	20.000	20.000
33	20.3.-26.3.	1	20.000	20.000	20.000
34	27.3.-2.4.	1	20.000	20.000	20.000
35	3.4.-9.4.	1	20.000	20.000	20.000
36	10.4.-16.4.	1	20.000	20.000	20.000
37	17.4.-23.4.	1	20.000	20.000	20.000
38	24.4.-30.4.	1	20.000	20.000	20.000
39	1.5.-7.5.	1	20.000	20.000	20.000
40	8.5.-14.5.	1	16.000	16.000	16.000
41	15.5.-21.5.	1	18.000	18.000	18.000
42	22.5.-28.5.	1	15.000	15.000	15.000
43	29.5.-4.6.	1	20.000	20.000	20.000
44	5.6.-11.6.	1	18.000	18.000	18.000
45	12.6.-18.6.	1	20.000	20.000	20.000
46	19.6.-25.6.	1	20.000	20.000	20.000

As teacher T3 in the above example has a weekly target of 20 throughout and has also been allocated 20 lessons (and value units), the deviation from this value in weeks 40, 41, 42 and 44 is initially surprising.

The reason for this lies in the various *non-teaching* hours entered in the substitution planning calendar, which are not always immediately visible even to experts.

Woche	Von - Bis	Periode	Soll	Unterr.Vpl Anr.	W-Korr.	Ist (U+A+V Ist-Soll)
27	6.2.-12.2.	1	20.000	20.000		20.000
28	13.2.-19.2.	1	20.000	20.000		20.000
29	20.2.-26.2.	1	20.000	20.000		20.000
30	27.2.-5.3.	1	20.000	20.000		20.000
31	6.3.-12.3.	1	20.000	20.000		20.000
32	13.3.-19.3.	1	20.000	20.000		20.000
33	20.3.-26.3.	1	20.000	20.000		20.000
34	27.3.-2.4.	1	20.000	20.000		20.000
35	3.4.-9.4.	1	20.000	20.000		20.000
36	10.4.-16.4.	1	20.000	20.000		20.000
37	17.4.-23.4.	1	20.000	20.000		20.000
38	24.4.-30.4.	1	20.000	20.000		20.000
39	1.5.-7.5.	1	20.000	16.000		16.000
40	8.5.-14.5.	1	16.000	16.000		16.000
41	15.5.-21.5.	1	18.000	18.000		18.000
42	22.5.-28.5.	1	15.000	15.000		15.000
43	29.5.-4.6.	1	20.000	20.000		20.000
44	5.6.-11.6.	1	18.000	18.000		18.000
45	12.6.-18.6.	1	20.000	20.000		20.000
46	19.6.-25.6.	1	20.000	20.000		20.000

For this reason, if you move the cursor over the relevant field in the "Planned" or "Sub" columns in a week in which there are no lessons, a corresponding message is displayed.

It should also be noted at this point that

- Lesson-free hours of the day with a reason for absence "do not count" as public holidays and
- hours of the day without lessons with the reason for absence "count" as vacations.

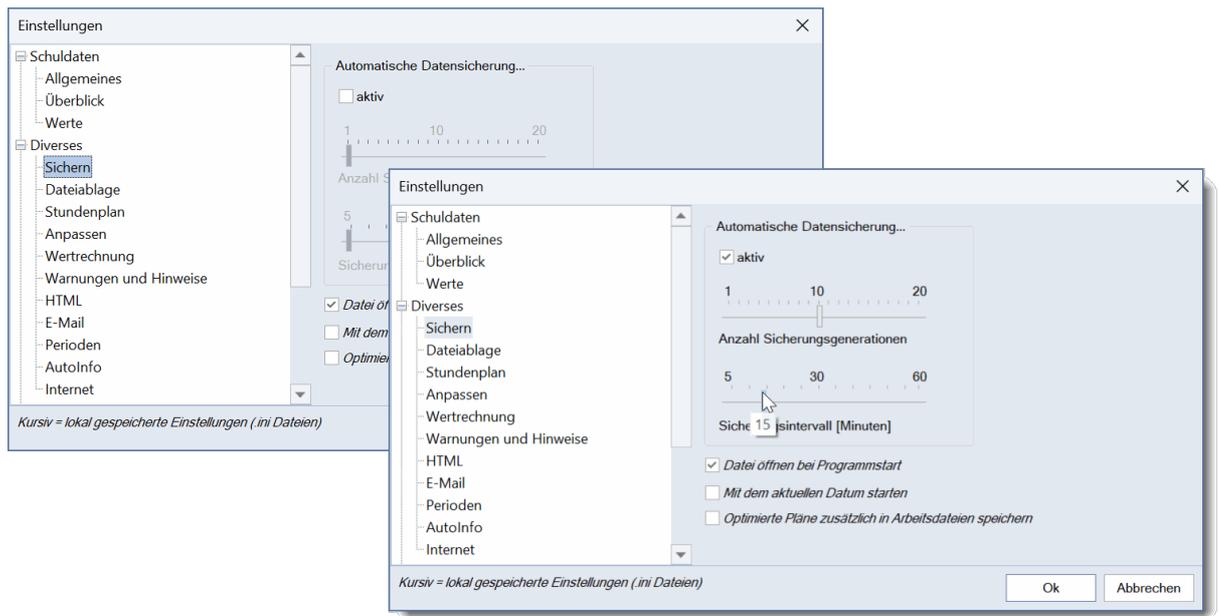
As a reminder: hours on public holidays count "as held", vacation hours are deducted from "target" and "Vpl".

Name	Langname	Entf zählen	Statistik	FS n.zählen	N. in Abs.kopf
entzählen		<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
nichtzählen		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
D	Dienstliche Gründe	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
F	Fortbildung	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
ka	Klasse abbestellt	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
kf	Klassenfahrt	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
KmA	Krank mit Attest	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
KoA	Krank ohne Attest	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Distanz	Lernen auf Distanz	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
PG	Privater Grund	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
ug	Unterrichtsgang	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

The changes during the year that affect the *course planning* and *Untis-WebUntis data exchange* modules are described in the chapters of the same name.

1.2 Automatic data backup

For version 2025, the maximum number of backup files has been increased from 10 to 20. For *Untis MultiUser*, the minimum backup interval has also been reduced to 10 minutes.



In addition, the user interface has been made clearer on this occasion.

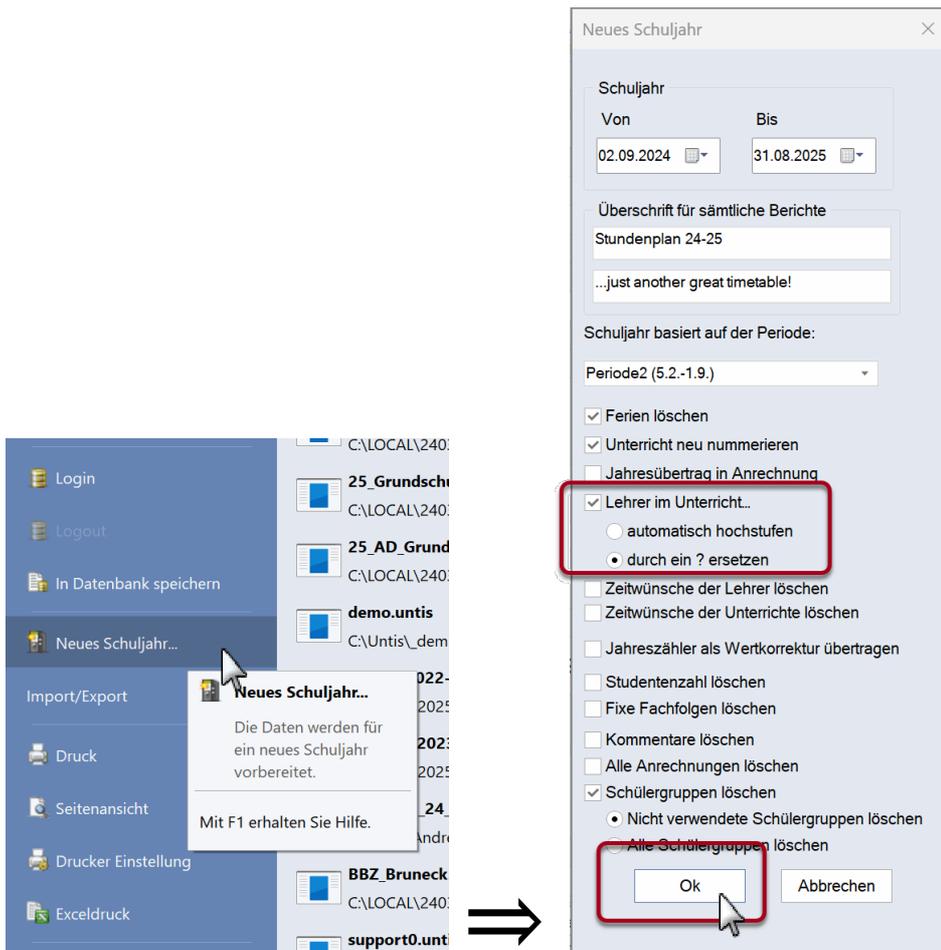
1.3 <New school year>

At some schools, it is customary to create the teaching distribution for the respective classes from scratch every school year. For this reason, an additional option has been added to the <New school year> function, with which you can automatically replace the current entry in the "Teacher" column with a "?", which for Untis is the sign that a teacher is needed for this lesson in principle, but that this teacher must first be assigned.

First of all, the initial situation *before* the change of school year:

U-Nr	Kl,Le	Nvpl.Std.	Lv-Id	Wst	Lehrer	Fach	Klasse(n)	Schülergruppe	Fachraum	ZeilenText	Von	Bis	Dopp.Std.
		0.00		34.00									
1			10000		2 Hugo	Sw	1a						
3	2, 2 (i)		50000		2 Magn	TEC	1a,1b	MÄD_1a	Werkr				1-1
			3461600		2 Curie	TEX	1a,1b	BUB_1a	Twr				
4	2, 2		80000		3 Arist	Sport	1a,1b	MÄD_1a	Th2	Burschen			
			90000		3 Bach	Sport	1a,1b	BUB_1a	Th1	Mädchen			
11	1, 2		210000		3 Arist	Mat	1a	Mat_1a_1					
			220000		3 RF	Mat	1a	Mat_1a_2					
12			3461700		2 Arist	E	1a			Doppelstunde im Sprachlabor!			1-1
13			3461700		3 Arist	E	1a						
14			240000		2 Callas	Mus	1a						
15			3461800		2 Callas	Ke	1a						1-1
16			260000		2 Nobel	Rel	1a						
17			270000		2 RF	D	1a	D_1a	LV1				1-1
18			270000		2 Rub	D	1a	D_1a	LV1				
19			280000		2 Cer	Bio	1a	Bio_1a		Geplanter Lehrerwechsel		29.10.	
20			280000		2 RF	Bio	1a	Bio_1a		Geplanter Lehrerwechsel		30.10.	
158	8, 1		1630000		1 AD	WU	1a,1b,2a, 2b,3a,3b, 4a,4b						
160	2, 1		1640000		2 MP	SCHW	1a,1b		BAD				1-1

The new option was implemented in addition to all existing options:



As a result, the ?-teacher is entered in all lessons in the database:

U-Nr	Kl,Le	Nvpl Std.	Lv-Id	Wst	Lehrer	Fach	Klasse(n)	Schülergruppe	Fachraum	ZeilenText	Von	Bis	Dopp.Std.
1	2, 1	0.00	1640000	34.00	?	SCHW	1a,1b		BAD				1-1
2			280000		?	Bio	1a	Bio_1a		Geplanter Lehrerwechsel			
3	8, 1		1630000		?	WU	1a,1b,2a, 2b,3a,3b, 4a,4b						
4			10000		?	Gw	1a						
6	2, 2 (i)		50000		?	TEC	1a,1b	MÄD_1a	Werkr				1-1
			3461600		?	TEX	1a,1b	BUB_1a	Twr				
7	2, 2		80000		?	Sport	1a,1b	MÄD_1a	Th2	Burschen			
			90000		?	Sport	1a,1b	BUB_1a	Th1	Mädchen			
14	1, 2		210000		?	Mat	1a	Mat_1a_1					
			220000		?	Mat	1a	Mat_1a_2					
15			3461700		?	E	1a			Doppelstunde im Sprachlabor!			1-1
16			3461700		?	E	1a						
17			240000		?	Mus	1a						
18			3461800		?	Ke	1a						1-1
19			260000		?	Rel	1a						
20			270000		?	D	1a	D_1a	LV1				1-1
21			270000		?	D	1a	D_1a	LV1				
22			280000		?	Bio	1a	Bio_1a		Geplanter Lehrerwechsel			

1.4 Planning dialog

Schools that use longer element names sometimes had the problem that the information in the upper part of the planning dialog was not easy to read. For this reason, the grid was enlarged horizontally.

Unterricht	Unt	Nvp	Zeit	Kla.	Le.	Fa.	Stunden: 723	
2.10.2023 - 8.10.2023	109	3		23-OVF-106	BOUSL	Coaching		
ggghh, Veigadering	110	2		23-OVF-106	BOUSL	LC		
<input type="checkbox"/> Multi-Drag	111	3		23-OVF-106	BOUSL	WE		
	112	9		23-OVF-106	BOUSL	Assessments		
	113	8		23-OVF-106	BOUSL	LC		
	114	8		23-OVF-106	BOUSL	LC		
	115	20		23-OVF-106		Zelfstudie		
	116	36		23-OVF-106		assessments		

	Montag	Dienstag	Mittwoch	Donnerstag	Freitag
Unt. 444					
XXOVK_1&2	x x x x & & &		X X	& &	x x x x
XXOVK_1&2 Res	Res Res Res Res Blol Blol Blol Blol		Ve	Ve	Blol Blol Blol Blol
TERPH, FKIR...	& & & & & & &	& & & & & & &	& & & & & & &	& & & & & & &	& & & & & & &
TERPH	23- 23-	23- 23- XX XX	23- 23- 23- 23-	23- 23- -3 -3 -3	23- 23-
FKIRC		23- 23- 23- 23- XX XX	-3 -3 -3 -3 XX XX XX	23-	23- XX XX
MJMBE	23- 23-		-3 -3 -3 -3 -3 -3 -3		-3 -3 -3 -3 -3 -3 -3
BORJE	-3 -3 -3 -3 -3 -3 -3	-3 -3 -3 -3 -3 -3 -3	23- 23- 23- 23-	23- 23- 23- 23-	XX XX XX 23- 23-
ECGRO	23- 23-		-3 -3 -3	XX XX	-3 -3 -3 -3 -3 -3 -3
BREEG	-3 -3 -3 -3 -3 -3 -3	-3 -3 -3 -3 -3 -3 -3	XXI XXI XXI XXI XX	-3 -3	23- 23- **2- **X
GRUJW	-3 -3 -3 -3 -3 -3 -3	23- 23- 23-	23- 23- 23-	23- 23- 23- 23-	**X **X **X **X XX
EMMAH	23- 23- 23- 23-	23- 23- 23-	23- 23-	-3 -3 -3	XX -3 -3 -3 -3 -3 -3 -3

1.5 New XML schema

The XML schema for general data import and export has been extended. You can find the current XSD here: <https://www.untis.at/fileadmin/downloads/xsd/XMLInterface-3.5.xsd>

2 Substitution planning

Events

If the entire class participates in an event, the lessons originally planned for this class are canceled on this day. This scenario is implemented in event 1 in the event window in the figure below.

The figure shows two screenshots from the Untis software. The top screenshot is the 'Veranst. / Begebenheder' window. It displays a table of events for class 1a. Event 1 is highlighted in yellow and has a callout box pointing to its 'Bis' field, which contains 'Bis Untis 2024.x'. The table below shows the details for three events:

VA-Nr.	Klasse	Lehrer	KI-Teil	Raum	Fa.	Von TT.MM.	ab St.	Bis TT.MM.	bis St.	Grund	Text	Schülergruppe
1	1a	AD		Phys		18.03.	1	18.03.	12		Training Physikolympiade	
2		AD	1a	Phys		19.03.	1	19.03.	12		Training Physikolympiade	
3	1a	AD		Phys		20.03.	1	20.03.	12		Training Physikolympiade	G1_1a

The bottom screenshot is the '1a - Klasse 1a Stundenplan (Kla1)' window. It shows a weekly timetable for class 1a from 18.03.2024 to 22.03.2024. A vertical bar on the left side of the timetable, labeled 'Training Physikolympiade', indicates that this event is active for the entire class on Monday, 18.03.2024. The timetable shows various subjects like Bio, E, .Mat, Sport, Rel, .SCHW, Mus, Gw, and Ke.

Events 2 and 3 in the figure above were previously equivalent in that both the entry in the "Class section" field or any entry in the "Student group" field for Untis meant that not all students in the class took part in the event and therefore the originally planned lessons *were not* canceled.

This redundancy has led to confusion for many Untis users, so we have decided to remove the "Class part" column from the event window. If not all students of a class participate in an event, either select an already existing student group (in WebUntis) from the selection box of the corresponding column, or freely select a name for a student group that does not yet exist. Students can then be assigned to this student group in WebUntis using the familiar tools.

If you open an older Untis file in which events were still entered with "class parts", the entries are automatically converted under the creation of suitable student groups.

VA-Nr.	Klasse	Lehrer	Raum	Fa.	Von TT.MM.	ab St.	Bis TT.MM.	bis St.	Grund	Text	Schülergruppe
1	1a	AD	Phys		18.03.	1	18.03.	12		Training Physikolympiade	
2	1a	AD	Phys		19.03.	1	19.03.	12		Training Physikolympiade	ACT_2
3	1a	AD	Phys		20.03.	1	20.03.	12		Training Physikolympiade	G1_1a

Events with students

A very rarely used and only under certain circumstances available option to create courses with individual students has been removed for compatibility with WebUntis.

Supervision

For some time now, it has been possible to half-count supervisions with the Untis substitution planning. However, some schools have expressed the wish to be able to fine-tune the counting method, which is why Untis 2025 has created the option of defining any factor for how support should be counted in the billing of teachers.

Einstellungen

- Schuldaten
- Diverses
- Berichte
- Vertretungsplanung
 - Vtr-Zähler
 - Absenzkopf
 - Sonstiges
 - Farben und Bezeichnungen
 - Vertretungsnachrichten
 - Kursplanung
 - MultiUser
 - Logging und Crash Reporting
 - Tracing
 - WebUntis

Was zählen

- Vertretungen
- Sondereins.
- Entfälle
- Freisetzungen
- Betreuungen mit einem Faktor = 0 gewichten.** 0.25
- Pausenaufsichten

Wie zählen

- Anzahl
- Werte**
- Stunden (HH:MM)
- Realstunden

Entfallszählung nur für Absenzen mit Absenzgrund

Zeitraum

- Tag
- Woche
- Monat
- Jahr
- Zeitraum

25.08.2022 - 25.08.2022

Nicht zählen

- Statistik-Kennzeichen
- bezahlte Vertretungen

Statt-Vertretungen und Klausuren

- Statt-Vertretungen nicht zählen
- Klausuren neutral zählen

Kursiv = lokal gespeicherte Einstellungen (.ini Dateien)

Ok Abbrechen

In the example above, the supervisions are weighted with a factor of 0.25.

This setting affects all affected positions in substitution planning:

Vertretungen / Lehrer-Vertretungen

Vertreter: Alle Von-Bis: 15.12.2022 Ansicht einschränken auf...
 Offene Vertretungen
 Kollisionen

Lehrer-Vertretungen

Vtr-Nr.	Art	Stunde	(Lehrer)	(Fach)	Vertreter	Klasse(n)	Wert	Schülergruppe
					T98			
14884	Vertretung	7	T1	D	T98	F224	1.000	
14885	Vertretung	8	T1	D	T98	F224	1.000	
15058	Vertretung	8	*T10	WN-gA-1	T98	G201, G202, G203	1.000	WN-gA-1_G201G202G203_BUCH
15057	Vertretung	7	*T10	WN-gA-1	T98	G201, G202, G203	1.000	WN-gA-1_G201G202G203_BUCH
15039	Betreuung	6	*T72	LAE	T98	HHB222	0.250	

Vtr-Nr.: 7862 Lehrer-Vertretungen*

The substitution window

Lehrer / Lehrer-gesamt

T98

Name	Nachname	Soll/Woche	Ist (Wert =)	Ist-Soll	PA Max.	Anrechnungen	Jahres-Zähler	Zähler	Wert Unt.
T98	Teacher 98	24.500	24.000	-0.500	70	1.000	8.500	4.250	23.000

0 offene Lehrerst. (0.000 Werteinh.) Lehrer-gesamt

The master data window

Wochenwerte

Lehrer: T98 Abrechnung: Jahresmittel = 23.387 (Unterricht + Anrechnungen + WertKorrektur)
 komprimiert HH:MM
 Aktualisieren Werte zur Jahresabrechnung. Regional unterschiedlich !!

Woche	Von - Bis	Periode	Soll	Anr.	Unterr.Vpl	Ist (U+A+V)	Ist-Soll	Entf.	W-Korr.	W-Korr.-V	Vertr.	Zähler	Ist-Soll + Z
Summe	25.8.-5.7.		950.600	38.800	872.000	910.800	-39.800	3.000	0.000	0.000	21.500	18.500	-21.300
1	25.8.-28.8.	1	9.800	0.400	13.000	13.400	3.600						3.600
2	29.8.-4.9.	1	24.500	1.000	23.000	24.000	-0.500				10.000	10.000	9.500
3	5.9.-11.9.	2	24.500	1.000	23.000	24.000	-0.500				0.250	0.250	-0.250
4	12.9.-18.9.	3	24.500	1.000	23.000	24.000	-0.500				0.500	0.500	
5	19.9.-25.9.	4	24.500	1.000	23.000	24.000	-0.500				0.500	0.500	
6	26.9.-2.10.	5	24.500	1.000	23.000	24.000	-0.500						-0.500
7	3.10.-9.10.	6	24.500	1.000	23.000	24.000	-0.500						-0.500
8	10.10.-16.10.	7	24.500	1.000	23.000	24.000	-0.500						-0.500
9	17.10.-23.10.	Ferien											
10	24.10.-30.10.	Ferien											
11	31.10.-6.11.	8	24.500	1.000	23.000	24.000	-0.500				0.250	0.250	-0.250
12	7.11.-13.11.	8	24.500	1.000	23.000	24.000	-0.500				1.000	1.000	0.500
13	14.11.-20.11.	9	24.500	1.000	23.000	24.000	-0.500				2.000	2.000	1.500
14	21.11.-27.11.	9	24.500	1.000	23.000	24.000	-0.500						-0.500
15	28.11.-4.12.	10	24.500	1.000	23.000	24.000	-0.500						-0.500
16	5.12.-11.12.	10	24.500	1.000	23.000	24.000	-0.500				0.500	0.500	
17	12.12.-18.12.	10	24.500	1.000	23.000	24.000	-0.500				4.250	4.250	3.750
18	19.12.-25.12.	10	24.500	1.000	23.000	24.000	-0.500				0.250	0.250	-0.250
19	26.12.-1.1.	Ferien											

The weekly values window

T98 Teacher 98

Vertretungen / Entfälle / Wertkorrektur : 12.12. - 18.12.								Text
Datum	Stunde	Art	Wert	Zähler	Fach	Klasse(n)	Grund	
12.12.	Mo/1	E	0.000	0.000	Englisch	HHB221	krank	
12.12.	Mo/2	E	0.000	0.000	Lernfeldgr pe 1	HHB221	krank	
12.12.	Mo/3	E	0.000	0.000	Englisch	HHB222	krank	
12.12.	Mo/4	E	0.000	0.000	Englisch	HHB222	krank	
12.12.	Mo/5	E	0.000	0.000	Lernfeldgr pe 9	HHB222	krank	
12.12.	Mo/6/7	PE	0.000	0.000			krank	
12.12.	Mo/7	E	0.000	0.000	Englisch	F214	krank	
12.12.	Mo/8	E	0.000	0.000	Englisch	F214	krank	
15.12.	Do/6	+V	0.250	0.250	Lern- und Arbeitspro sse - Englisch	HHB222	Betreuung	
15.12.	Do/7	+V	1.000	1.250	Deutsch	F224	Vertretung	
15.12.	Do/7	+V	1.000	2.250	Werte und Normen - grundlege e Anforderu en -	G201, G202, G203	Vertretung	
15.12.	Do/8	+V	1.000	3.250	Deutsch	F224	Vertretung	
15.12.	Do/8	+V	1.000	4.250	Werte und Normen - grundlege e Anforderu en -	G201, G202, G203	Vertretung	

Vertretungen: 4.250
 Vertretung nicht zu zählen: 0.000
 Entfälle: 0.000
 Entfall nicht zu zählen: 7.000
 Summe: 4.250

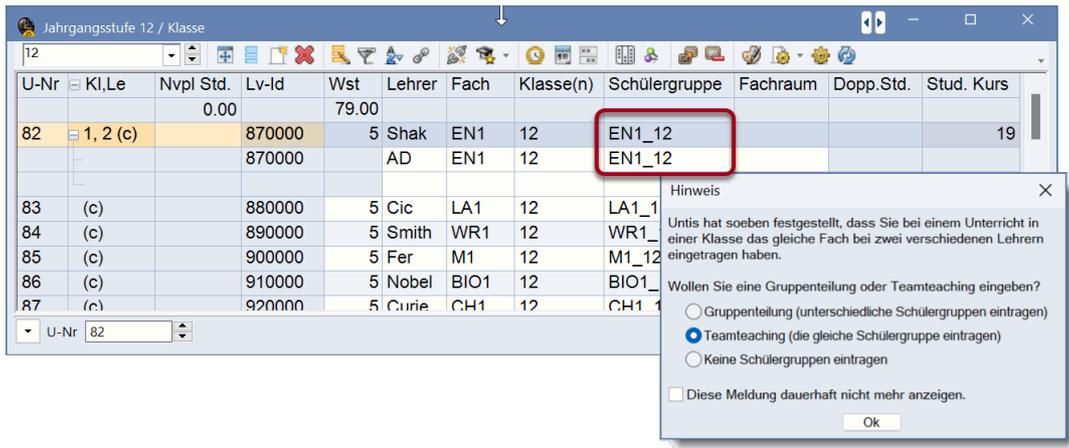
Pausenaufsichten geplant: 2
 Pausenaufsichtsentfall: 1
 Pausenaufsichtsvertretung: 0
 Pausenaufsichten gehalten: 1

The Substitution accounting report

3 Course planning

General information

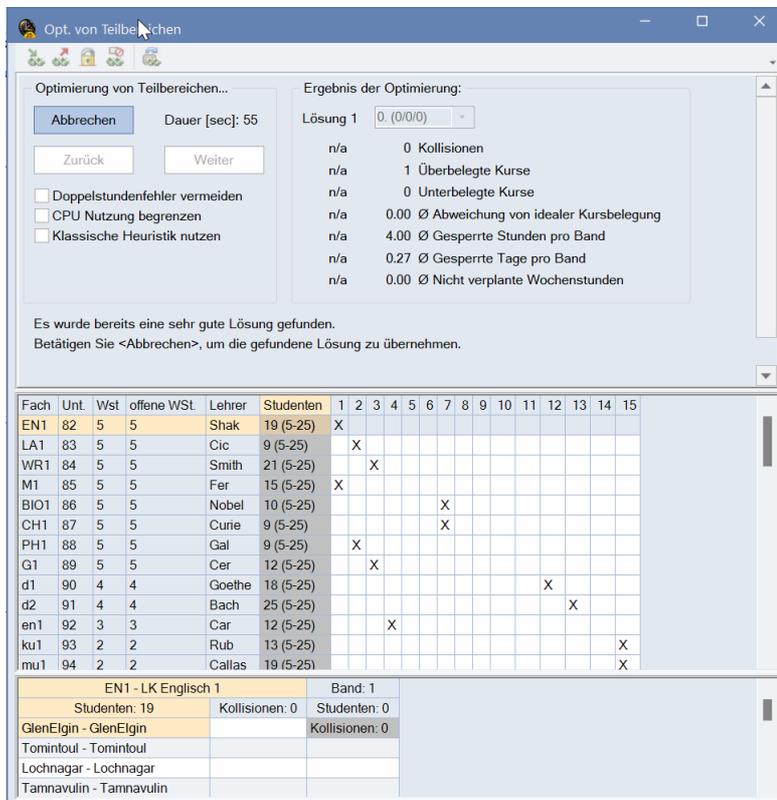
Since version Untis 2024.2.0, it is possible to start course optimization even if courses are taught in team teaching.



New sub-area optimization

The Untis optimization team is constantly striving to improve the results of the various Untis optimizations. For example, the *readiness optimization* for the Untis 2024 version has been completely revised.

For Untis 2025, the team has formulated the *sub-range optimization* problem in the *course planning* module as an integer linear optimization problem and implemented a corresponding new algorithm. This now achieves significantly improved results in the area of partial range optimization. A further advantage of this approach is that if the algorithm is allowed to calculate to the end (and not aborted beforehand), the *guaranteed optimal* solution is found.



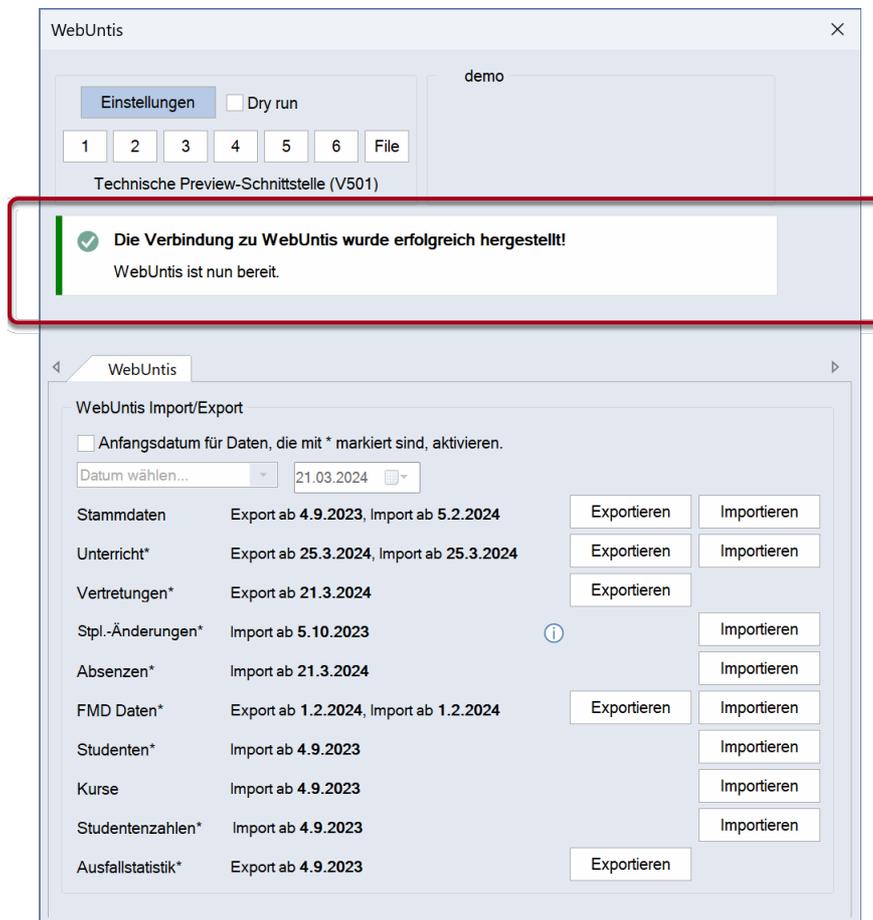
In the course of this work, the "Opt. of sub-areas" window was also restructured and made clearer.

- The <Optimization> button starts the new optimization, as long as the optimization is running you can also <Cancel> it with the same button.
- The <Cancel> button has been removed from the window toolbar for this purpose.
- The previous <Ok> and <Cancel> buttons have been replaced by <Next> and <Back>.
 - <Next> as before <Ok> asks whether you want to save the calculated bands,
 - <Back> takes you back to the "Define sub-areas" window without saving the bands.
- You can start the former <Advanced optimization> by activating the option "Use classic heuristics".
- The option "Avoid double hour errors" has the same effects as before.
- The new option "Limit CPU usage" prevents the new optimization from occupying all processor cores of your computer simultaneously, so that you can work smoothly in other programs when the new optimization is running in the background.

In the "Optimization result" area, you can use the selection box to select the various solutions and evaluate them using the parameters displayed. The solutions are sorted according to their quality; the best solution is always the first in the list.

4 Data exchange Untis-WebUntis

The import/export dialog has been slightly revised so that you can see whether Untis was able to establish the connection to WebUntis as soon as you open it:



Accordingly, you will also be notified if the connection to WebUntis has failed. Clicking on the corresponding link will then take you to the corresponding Untis website, where the status of the individual WebUntis servers is displayed.

WebUntis

Einstellungen Dry run

1 2 3 4 5 6 File

demo

WebUntis-Übertragungsfehler!
Es konnte keine Verbindung zum Server hergestellt werden. Überprüfen Sie Ihre Internetverbindung, die Export-Einstellungen und gegebenenfalls den Status d...
[Status der WebUntis-Server](#)

WebUntis

WebUntis Import/Export

Anfangsdatum für Daten, die mit * markiert sind, aktivieren.
Datum wählen... 21.03.2024

Stammdaten	Export ab 4.9.2023, Import ab 5.2.2024	Exportieren	Importieren
Unterricht*	Export ab 25.3.2024, Import ab 25.3.2024	Exportieren	Importieren
Vertretungen*	Export ab 21.3.2024	Exportieren	
Spl.-Änderungen*	Import ab 5.10.2023	Importieren	
Absenzen*	Import ab 21.3.2024	Importieren	
FMD Daten*	Export ab 1.2.2024, Import ab 1.2.2024	Exportieren	Importieren
Studenten*	Import ab 4.9.2023	Importieren	
Kurse	Import ab 4.9.2023	Importieren	
Studentenzahlen*	Import ab 4.9.2023	Importieren	
Ausfallstatistik*	Export ab 4.9.2023	Exportieren	



The screenshot shows a web browser window with the address bar displaying 'https://status.webuntis.com'. The page title is 'WebUntis Status Page' and the service status is 'Service status' with a subtext 'Last updated 10:49:31 | Next update in 39 sec.'. A large green circle icon is followed by the text 'All systems operational'. Below this, there is a section titled 'Services' with a 'Calendar view' link. A list of services is shown, each with a green 'Up' status indicator.

Service	Status
Ajax, Achilles	Up
Antiope	Up
Aoide, Arche, Hepta	Up
Asopo, Hypate, Tritone	Up
Borys	Up
Chios	Up
Cissa	Up
Erato	Up
Euterpe	Up

The revised dialog

- The "Timetable changes from WebUntis" window now also displays break supervisors. (BOB-306)

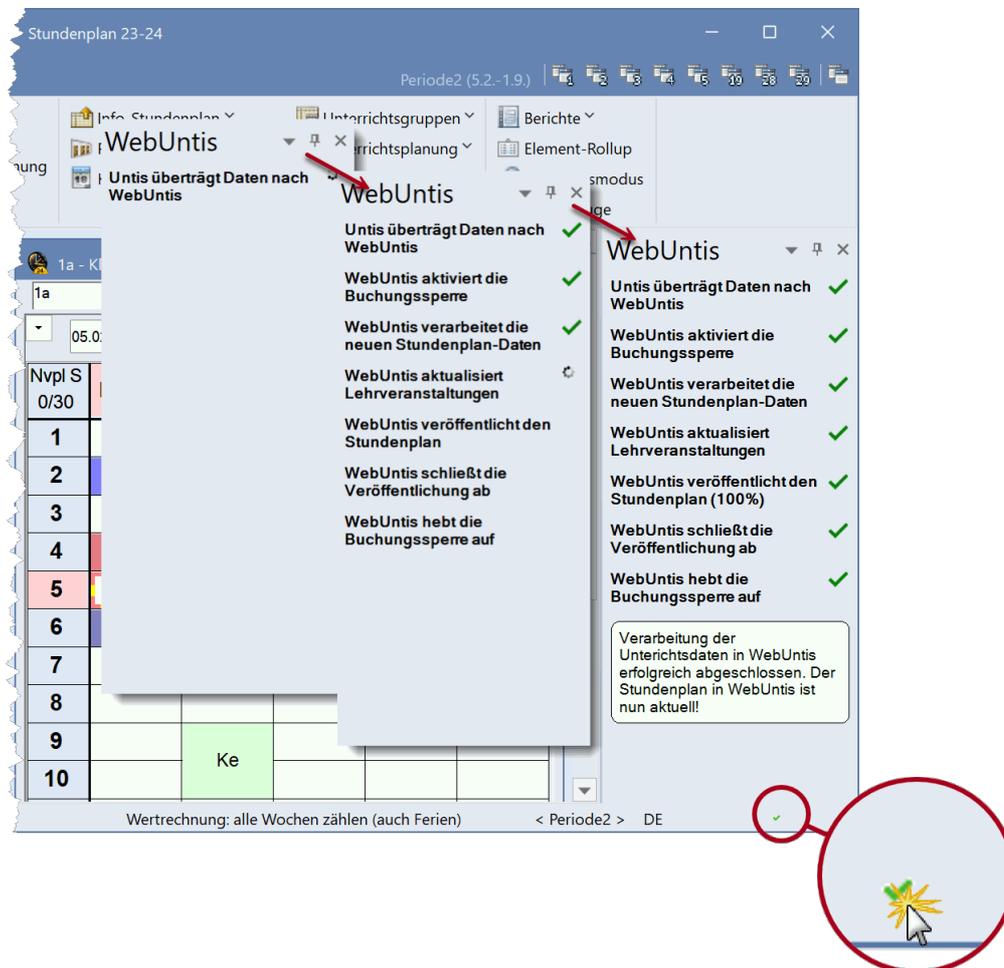
4.1 Lesson export sidebar

The lesson export sidebar improves control over lesson exports for all users of the Untis-WebUntis system. The export process is described in detail below.

As soon as you press the <Export> button, the connection to WebUntis is first established. This is followed by the familiar preparation of the course data in Untis, completely independently of WebUntis.



In the next step, the sidebar is opened and you are now informed about every single completed step in the data export. You will also be informed when the timetable update in WebUntis has been completed.



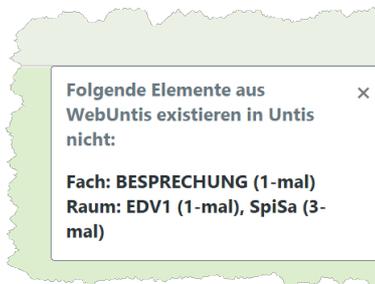
If errors occur during the export, these will also be displayed. A small indicator in the Untis status bar also shows you the status of the export. You can also close the sidebar. If you then want to open it again without restarting the export, you only need to click on the indicator in the status bar described above.

4.2 Delete WU bookings in Untis

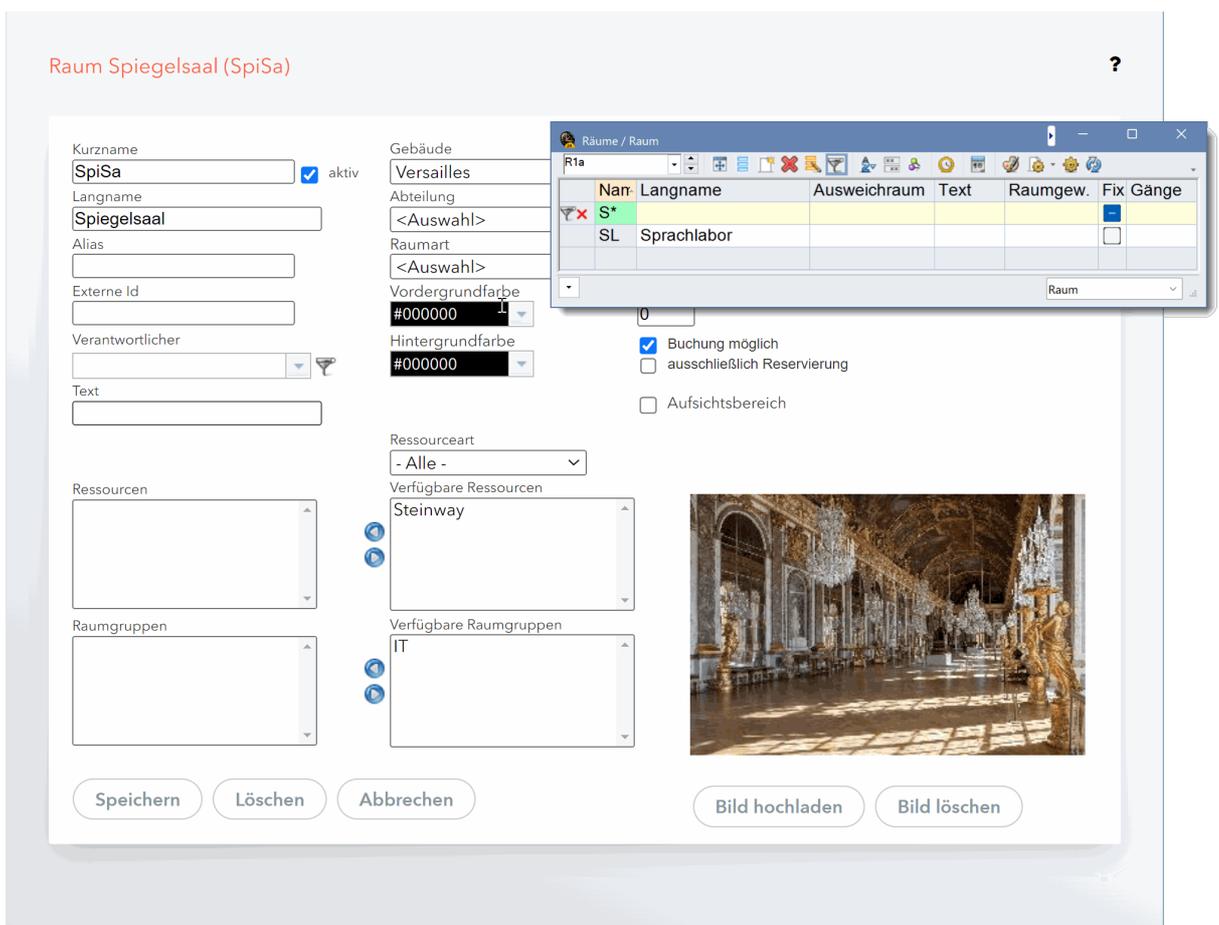
Since version Untis 2024.3.0, activities, exams and room changes can be deleted in the relevant import dialog when importing timetable changes from WebUntis. In addition, numerous checks have

been implemented during the year to make the interaction between Untis and WebUntis more transparent.

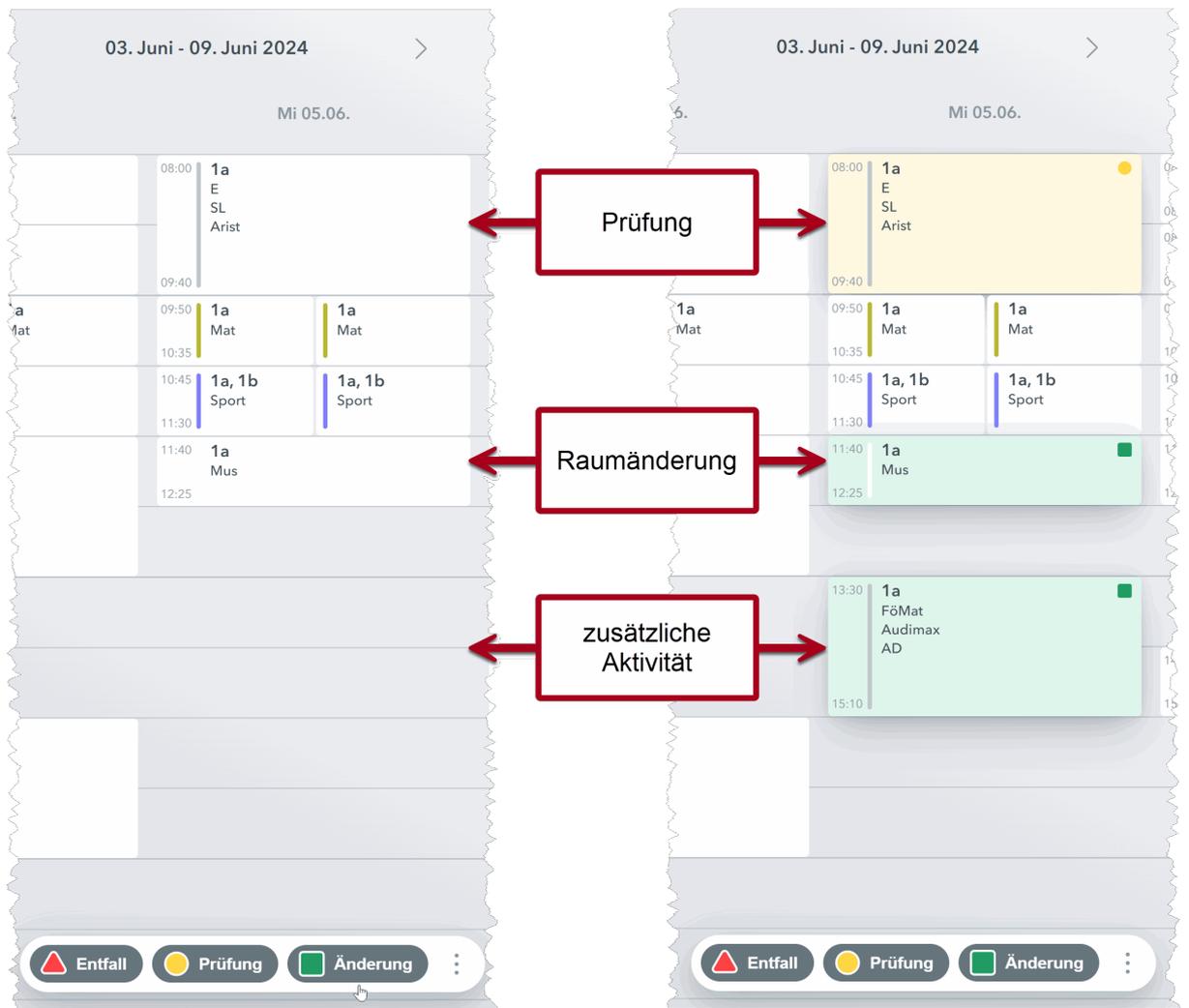
For example, when importing bookings, you will be warned in an *info bubble* if elements (subjects, rooms, etc.) have been created in WebUntis and used in activities that Untis does not recognize.



In the example above, the subject "DISCUSSION" and the rooms "EDV1" and "SpiSa" were created in WebUntis, but do not exist in Untis.



The following example illustrates the connections between Untis and WebUntis. Several changes have been made to the original timetable for class 1a (left) in WebUntis:



These changes can of course be seen in the respective WebUntis lists:

Alle Buchungen ?

03.06.2024 - 09.06.2024

Suche 🔍

Auswahl	Art	Status	Art	Raum	Tag	Datum	Von	Bis	Periodizität	Bemerkung	Anmerkung	Schüler	Benutzer	exportiert	Aufgegeben am	Buchung
<input type="checkbox"/>	Unterricht		Audimax	Mi.	05.06.2024	13:30	15:10	einmalig					dev	<input type="checkbox"/>	21.03.2024 16:48:04	345
<input type="checkbox"/>			AULA	Mi.	05.06.2024	11:40	12:25	einmalig	Raumänderung				dev	<input type="checkbox"/>	21.03.2024 16:46:33	344

2 Elemente gefunden, Anzeige aller Elemente. 1

Suche | Alle 03.06.2024 - 09.06.2024

Prüfungen 1

<input type="radio"/>	Art	Name	Klasse	Fach	Lehrkraft	Datum	Von	Bis	Raum	Exportiert	Aufgegeben am	Rückgabe am
<input type="radio"/>	Schularbeit	E	1a	E	Arist	05.06.2024	08:00	09:40	SL	-	21.03.2024	

If these changes are now imported into Untis, individual bookings/exams/room changes can be selected in the import window of the timetable changes and deleted by clicking on the "Delete in WebUntis" button.

The screenshot shows a window titled 'Kontrollfenster Änderungen aus WebUntis, die sich dem 5.10.2024 durchgeführt wurden'. It contains a table with columns: Datum, Zeit, Stunde, Art, Lvl-id, Klasse(n) / Fach, Lehrer, Räume, Text, and Buchungsersteller*in. A 'Status' column is on the right. A red box highlights the 'Status' column header and a 'Delete in WebUntis' button in the footer. Below the table, there are buttons: 'In WebUntis löschen', 'Buchungen markieren', 'Prüfungen markieren', 'Ignorieren', and 'Übernehmen'.

As soon as the deletion process in WebUntis is complete, you will be notified via an info bubble and the booking/exam/room change will disappear from the list of timetable changes:



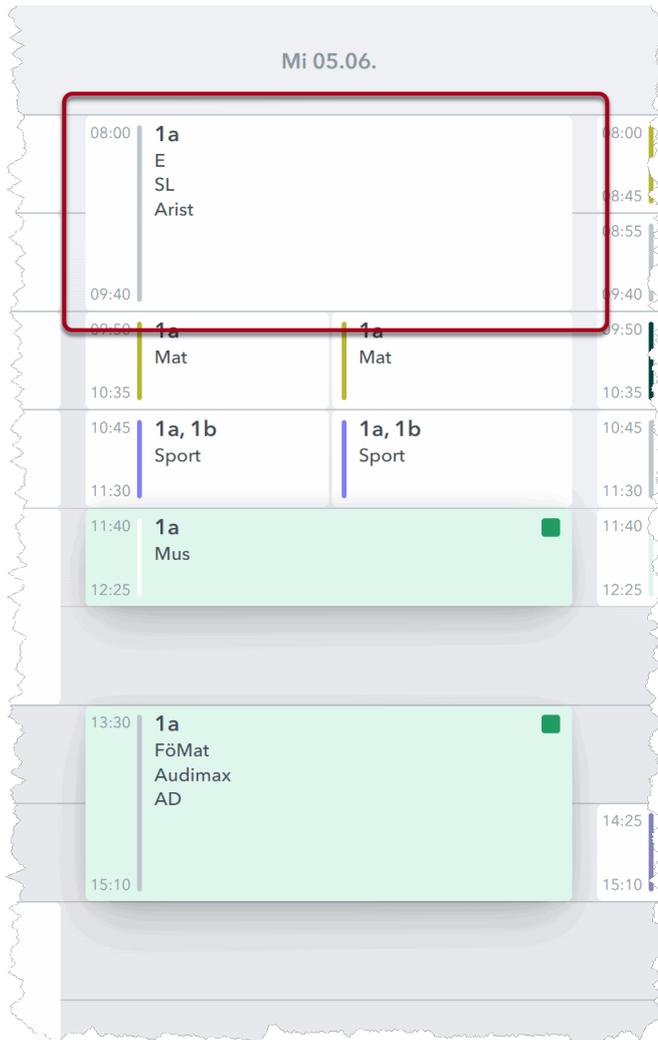
Stundenplanänderungen aus WebUntis, die seit dem 5.10.2023 durchgeführt wurden.

	Datum	Zeit	Stunde	Art	Lv-Id	Klasse(n) / Fach	Lehrer	Räume	Text	Buchungsersteller*in	Status
B344	5.6.2024	11:40 - 12:25	5	Unterricht	240000	1a / Mus	Callas	AULA, R1a		dev,	✓
B345	5.6.2024	13:30 - 14:15	7	Aktivität	?	1a / FöMat	AD	Audimax		dev	✓
	5.6.2024	14:25 - 15:10	8	Aktivität	?	1a / FöMat	AD	Audimax		dev	✓

Bereits durchgeführt/ignorierte Änderungen anzeigen.

In WebUntis löschen Buchungen markieren Prüfungen markieren Ignorieren Übernehmen

The original lesson has been restored in WebUntis:



Even if you have already transferred bookings/exams/room changes, they can be imported at a later date via the import dialog at a later time both in Untis and in WebUntis.

We continue the above example and transfer the *room change* and the *additional activity*, so that these daily changes naturally also appear in the Untis substitution planning:

Vertretungen / Lehrer

Vertreter: Alle, Von-Bis: 03.06.2024, Woche: < >

Ansicht einschränken auf...
 Offene Vertretungen
 Kollisionen

Vtr-Nr.	Art	Datum	Stunde	Klasse(n)	Vertreter	Fach	Lehrv.	Schülergruppe	Text	WebUntis-Daten	Buchungsersteller*in
33	Raumwechsel	5.6.	5	1a	Callas	Mus	240000			<input checked="" type="checkbox"/>	dev
31	Sondereins.	5.6.	7	1a	AD	FöMat				<input checked="" type="checkbox"/>	dev
32	Sondereins.	5.6.	8	1a	AD	FöMat				<input checked="" type="checkbox"/>	dev

Vtr-Nr.: Lehrer*:

1a - Klasse 1a Stundenplan (KlaHTML)

1a, 03.06.2024 - 7.6.2024

Nvpl St 0/30	Mo	Di	Mi	Do	Fr
8:00 8:45	.WU Domnanovich R1a 1)	Bio Feynman R1a 4)	E Aristoteles SL 7)	.Mat Aristoteles R1a 3)	.Mat Aristoteles R1a 3)
8:55 9:40	.Sport Aristoteles Th2 2)	D Feynman LV1 5)		D Rubens LV1 11)	.Sport Aristoteles Th2 2)
9:50 10:35	E Aristoteles R1a 3)	.Mat Aristoteles R1a 3)	.Mat Aristoteles R1a 3)	Rel Nobel R1a 1)	D Feynman LV1 5)
10:45 11:30	.Mat Aristoteles R1a 3)	E Aristoteles R1a 3)	.Sport Aristoteles Th2 2)	E Aristoteles R1a 3)	D Rubens LV1 11)
11:40 12:25	Mus Callas R1a 1)	.SCHW Phelps BAD 6)	Mus Callas AULA 8)	Bio Feynman R1a 4)	Rel Nobel R1a 1)
12:35 13:20	Gw Hugo R1a 1)				
13:30 14:15			FöMat Domnanovich Audimax 9)		
14:25 15:10			FöMat Domnanovich Audimax 10)	Gw Hugo R1a 1)	
15:20 16:05		Ke Callas R1a 1)			
16:15 17:00					

U-Nr Lehr., Fa., Rm. Schülergruppe Kla. Schulw
 158* AD, WU, R1a 1ab2ab3ab4ab 1-52

KlaHTML - Classes: HT

If you now open the WebUntis import dialog, display the changes made and also select them, you can also delete the bookings/exams/room changes that have already been transferred:

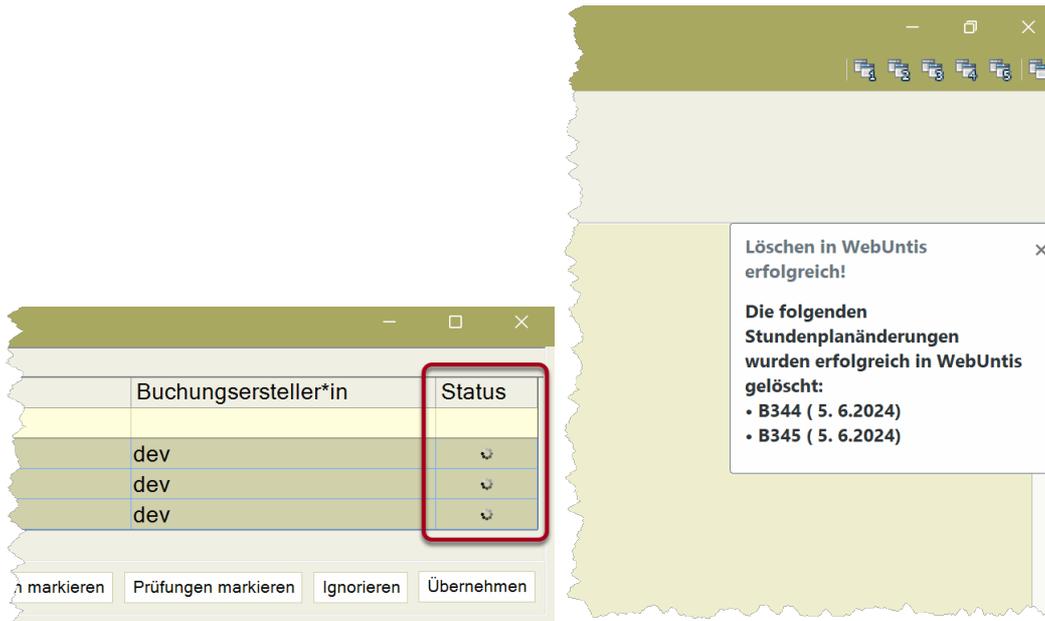
Stundenplanänderungen aus WebUntis, die seit dem 26.2.2024 durchgeführt wurden.

	Datum	Zeit	Stunde	Art	Lv-Id	Klasse(n) / Fach	Lehrer	Räume	Text	Buchungsersteller*in	Status
✖	05.06.2024										
B344	5.6.2024	11:40 - 12:25	5	Unterricht	240000	1a / Mus	Callas	AULA		dev	✓
B345	5.6.2024	13:30 - 14:15	7	Aktivität	?	1a / FöMat	AD	Audimax		dev	✓
B345	5.6.2024	14:25 - 15:10	8	Aktivität	?	1a / FöMat	AD	Audimax		dev	✓

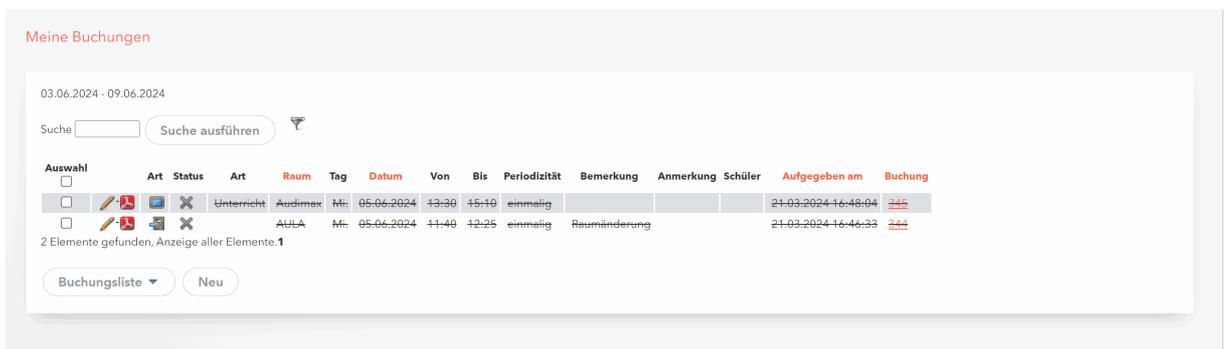
Bereits durchgeführt/ignorierte Änderungen anzeigen.

In WebUntis löschen Buchungen markieren Prüfungen markieren Ignorieren Übernehmen

Untis now makes direct contact with WebUntis. During the deletion process in WebUntis, the Status field shows that the operation is in progress; as soon as this is completed, you will be informed again via the *info bubble*:



The bookings are now also canceled in WebUntis.



From Untis 2025, WebUntis bookings/checks/room changes can also be deleted directly in the Untis substitution window.

@@to be continued

Here is an example above

4.3 Options when importing timetable changes from WU

Some, but not all, schools release their teachers from break supervisions *before* a written exam (school work). To take this into account, since Untis 2024.6.0 there is an additional option that can be used to automatically regulate precisely this circumstance.

Stundenplanänderungen aus WebUntis, die seit dem 5.10.2023 durchgeführt wurden.

	Datum	Zeit	Art	Lv-Id	Klasse(n) / Fach	Lehrer	Räume	Text	Buchungsteller*in	Status	
E139			Einstellungen			Arist	R1a	SA 1 Mat		☒	
B241			<input type="checkbox"/> Automatisch ignorieren aller Stundenplanänderungen, die in der Vergangenheit liegen <input checked="" type="checkbox"/> Pausenaufsichten vor Prüfungen außer Betracht lassen								
B247						AD			dev	☒	
B268						Callas	R1a			☒	
B269						Ohne Lehrkraft	Audimax	Dies ist ein Text, Audimax 2f dev	krt.	☒	
	26.10.2023	09:50 - 10:35	Aktivität	?	- / -	Ohne Lehrkraft	Audimax	Dies ist ein Text, Audimax 2f dev		☒	
E160	1.11.2023	08:00 - 08:45	Prüfung, Unterricht	3461700	1a / E	AD	SL			☒	
	1.11.2023	08:45 - 08:55	Pause vor Prüfung			Arist	SL			⊘	

Bereits durchgeführte/ignorierte Änderungen anzeigen.

In WebUntis löschen Buchungen markieren Prüfungen markieren Ignorieren Übernehmen

If the option is set, the break supervisors before the first lesson are held as planned *by default* in the following example. However, the break supervision that is planned *during* the two-hour exam is always recognized as a conflict, which you will also be informed of when the exam is accepted.

Mi 08.05.

07:50	Pausenaufsicht	Hof	Arist
08:00	1a	Arist	E SL
08:45	Pausenaufsicht		
09:40			
09:50	1a	Arist	
10:35			
10:45	1a, 1b	Arist	
11:30			
11:40	4a	Arist	
12:25			

Stundenplanänderungen aus WebUntis, die seit dem 5.10.2023 durchgeführt wurden.

	Datum	Zeit	Art	Lv-Id	Klasse(n) / Fach	Lehrer	Räume	Text	Status
	08.05.2024								
E185	8.5.2024	08:00 - 08:45	Prüfung, Unterricht	3461700	1a / E	Arist	SL	E-Schularbeit 3/4,	☒
	8.5.2024	08:45 - 08:55	Pause vor Prüfung			Arist			⊘
	8.5.2024	08:45 - 08:55	Pausenaufsicht			Arist	Hof		⊘
	8.5.2024	08:55 - 09:40	Prüfung, Unterricht	3461700	1a / E	Arist	SL	E-Schularbeit 3/4,	☒

Bereits durchgeführte/ignorierte Änderungen anzeigen.

In WebUntis löschen Buchungen markieren Prüfungen markieren Ignorieren Übernehmen

Untis - Frage

Die Klausur E185, 8. 5.2024, Std.:1-2, 1a, E, Arist, SL verursacht eine Kollision mit folgender Pausenaufsicht:
 Gang: Hof, 1 (E) / 2 (E), Lehrer: Arist
 Soll die Pausenaufsicht vertreten werden?

Ja Nein

Arist - Aristoteles Stundenplan (Leh1AVTML)

Arist

08.05.2024 - 10.5.2024

Nvpl S	Mo	Di	Mi	Do	Fr
0/26					
1	Sprechstunde	2ab Sport Th2. 5)	Hof 1a Englisch SL 6)	1a Mathematik R1a. 2)	
2	1ab Sport Th2. 1)	3ab Sport Th2. 3)	1a Englisch SL 7)	r12 12 GK Ethik 8)	
3	1a Englisch R1a	1a Mathematik R1a. 2)	1a Mathematik R1a. 2)	3ab Sport Th2. 3)	
4	1a Mathematik R1a. 2)	1a Englisch R1a	1ab Sport Th2. 1)	1a Englisch R1a	
5		4b Physik Phys	4a Physik Phys	OG2 2ab Sport Th2. 5)	
6	3ab Sport Th2. 3)				
7					
8	r01 12 GK Ethik 4)				
9					
10					
11					
12					

Leh1AVTML - Teachers

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