

# MyTimetable 2020 release notes

The following additions and changes were made in the MyTimetable 2020 releases, listed from new to old. For significant new features or important changes, a link to a separate blog post will be available.

Version	Type	Description	More info
2020.30 (2020-11-10)	FEATURE	Add accessibility statement	
	FEATURE	Publication rule: add action to remove conference URL	
	ENHANCEMENT	Mobile: repair accessibility shortcomings from quick scan	
	ENHANCEMENT	Upgrade Google Analytics code to gtag.js	
	BUG	iCal request updates API last login date	
	BUG	Admin: statistics broken	
	MAINTENANCE	Upgrade Node.JS to 14	
	MAINTENANCE	Externalize or deny login page customization	
2020.29 (2020-10-15)	ENHANCEMENT	GWT: make contrasting theme colors overridable	
2020.28 (2020-10-13)	BUG	Changing default locale causes wrong (filter)type descriptions in en_GB	
2020.27 (2020-10-11)	FEATURE	Add PostgreSQL support to SQL data provider	<a href="#">MyTimetable 2020.27: accessibility, browser compatibility and many small updates</a>
	FEATURE	TermTime DP: use start and end time in links	
	FEATURE	TermTimeNG: support configuring links on events	
	FEATURE	Add conference/draft booleans to Excel/CSV export	
	ENHANCEMENT	Mobile: accessible icons in timetable view	
	ENHANCEMENT	Mobile: enable tabbable element outlines	
	ENHANCEMENT	Configurable window in SimpleEventChangePrioritizer	
	ENHANCEMENT	S+: allow using activity type from child activity	
	ENHANCEMENT	Make mobile interface styling customizable at runtime	
	ENHANCEMENT	Make Bootstrap pages styling customizable at runtime	
	ENHANCEMENT	Mobile accessibility: all functionality is operable through a keyboard	
	ENHANCEMENT	Personal timetable default setting improvements	
	BUG	NPE in Excel export when there are no week labels	
	BUG	Presto DP: leaves not working	
	BUG	Mobile: search button in search timetable view does not submit form	
	BUG	PostgreSQL: InsertChildWithExistingParent fragment for subscriptions does not work	
	BUG	Postgres: userprefs subscription query does not work	
	BUG	BrightspaceClient signature creation does not work	
	BUG	PDF week view missing activities	
	BUG	Mobile: group selection headers and text	
	BUG	Mobile: showing white borders for highlighted activities	
BUG	iCal DP: LookupIcalTimetableTypeProvider breaks when lookups returns an error		

	<b>BUG</b>	Admin: error handling broken when adding iCalendar timetable	
	<b>MAINTENANCE</b>	UserPrefs PostgreSQL: fix naming for queued_tasks table	
	<b>MAINTENANCE</b>	Upgrade gwt-gradle-plugin to fix deprecation warnings	
	<b>MAINTENANCE</b>	TermTime: rename repeat field to repeatOf	
	<b>MAINTENANCE</b>	Mobile: move to ES6 modules instead of AMD	
	<b>MAINTENANCE</b>	Introduce and use timetable type, timetable filter type and option type names from model	
	<b>MAINTENANCE</b>	Let PDF exports use schema attribute names instead of custom I18N resources	
	<b>MAINTENANCE</b>	Create a configuration migration tool	
	<b>MAINTENANCE</b>	Migrate to OpenPDF	
	<b>MAINTENANCE</b>	Upgrade Gradle to v6	
	<b>MAINTENANCE</b>	Upgrade OpenCSV to v5	
	<b>MAINTENANCE</b>	Replace Gulp and bower with Webpack	
<b>2020.26 (2020-08-04)</b>	<b>ENHANCEMENT</b>	Mobile: reconsider aria labels that differ from visible text	
	<b>BUG</b>	EC: sync setup does not work	
	<b>MAINTENANCE</b>	EC: create separate application/project	
	<b>MAINTENANCE</b>	Merge API modules	
<b>2020.25 (2020-07-30)</b>	<b>FEATURE</b>	Publication rules: condition on location / location suitability	
	<b>ENHANCEMENT</b>	Add a lang attribute to all html pages	
	<b>BUG</b>	Default configurations contain incorrect userPrefs.sql.type property	
	<b>MAINTENANCE</b>	Upgrade Guava to 29-jre	
<b>2020.24 (2020-07-24)</b>	<b>BUG</b>	ES: fix academic period filtering	
	<b>BUG</b>	Mobile: NotEnrolled_WarningHtml is being HTML escaped	
	<b>BUG</b>	Mobile: activity list does not refresh after removing timetables	
<b>2020.23 (2020-07-17)</b>	<b>FEATURE</b>	Open Education DP: view student timetable	
	<b>FEATURE</b>	Open Education DP: view lecturer timetable	
	<b>ENHANCEMENT</b>	Uniform configuration of branding	
	<b>BUG</b>	Danish characters do not show correctly	
	<b>BUG</b>	Removing all subscriptions from a group removes the group from both the Timetable and the Location view	
	<b>BUG</b>	API: parameter excludeResourceTimetables for resource /subscriptions	
	<b>BUG</b>	HSTS header not set for proxied requests	
	<b>BUG</b>	Option selection always shown	
	<b>BUG</b>	S+ DP: activity_department filter times out	
	<b>BUG</b>	Help: errors in Danish translations	
	<b>MAINTENANCE</b>	Remove Windows Phone and Blackberry features, because these platforms are no longer supported	
<b>2020.22 (2020-07-09)</b>	<b>BUG</b>	WebUntis DP: list of classes should be received per study year	
<b>2020.21 (2020-07-08)</b>	<b>FEATURE</b>	TermTime: support meeting API fields	

2020.20 (2020-06-27)	BUG	S+: department zone filtering not working correctly	
2020.19 (2020-06-26)	BUG	S+: parameters should only be escaped when used in LIKE query	
	BUG	GWT: header background image does not work	
	BUG	S+ NG: prevent WRB timetables with empty ID	
	MAINTENANCE	Disable HTTP/2 in default config	
2020.18 (2020-06-23)	BUG	MTT DP: cannot insert Event	
	BUG	S+: department zone filter does not work for group timetables	
	BUG	Other event type color handled incorrectly	
	BUG	Mobile: subscription list not loading	
	MAINTENANCE	Extract Eveoh-specific configuration into a separate file and profile	
2020.17 (2020-06-10)	FEATURE	Set conference bit through publication rules	
	FEATURE	Expose conference bit in API	
	BUG	Mobile: Restore to default / remove timetable shows multiple	
2020.16 (2020-06-07)	FEATURE	Mobile: allow 'resetting' all subscriptions of a uniting group	MyTimetable 2020.16: <a href="#">online conferences and announcements</a>
	FEATURE	Mobile: allow 'resetting' individual subscription	
	FEATURE	TermTime DP: support mapping of custom attributes	
	FEATURE	Help: add/rewrite section about removing and resetting subscriptions	
	FEATURE	Announcement message: display in desktop front-end	
	FEATURE	Announcement message: display in mobile front-end	
	FEATURE	Announcement message: admin interface	
	FEATURE	Allow events to include module Uid	
	FEATURE	S+: allow module tags to be retrieved	
	FEATURE	Publication rules: condition based on module tags	
	FEATURE	Mark activities as being online activities	
	ENHANCEMENT	Markdown support for announcement long text	
	ENHANCEMENT	Improve styling of announcement in mobile interface	
	ENHANCEMENT	Mobile: display the announcement in the main menu too	
	ENHANCEMENT	GWT: hide announcement for the rest of the browser session	
	ENHANCEMENT	Mobile: tapping the glass panel should dismiss the modal	
	BUG	API requests with forward slash do not work	
	MAINTENANCE	Support Postgres as datasource	
	2020.15 (2020-05-23)	BUG	
2020.14 (2020-05-22)	FEATURE	Mobile: show menu links	
	FEATURE	Bulk resync for external calendaring	
	BUG	ES: event links do not work	
	BUG	Mobile timetable cannot be retrieved by hostKey	
	BUG	Upcoming page is broken	

	BUG	S+: SyllabusWeekPatternSummaryGenerator throws NPE	
	BUG	auth-static profile does not work	
	BUG	TermTime: ModuleEntityProvider returns all moduleoffers if staff member not scheduled	
2020.13 (2020-05-06)	BUG	S+: Cannot set header message with all locales defined	
	BUG	MyTimetable logo missing if application runs with custom contextPath	
	BUG	Browser caching not working as expected	
	MAINTENANCE	O365 EC: handle MailboxNotHostedInExchangeOnline	
2020.12 (2020-04-29)	FEATURE	Lookup-based iCal timetable provider	
	BUG	GWT: clicking on the dots of the subscription group menu button toggles collapsed state	
	BUG	OSIRIS DP: all-day events cause NPE	
	BUG	EchoResponseErrorHandler triggers stack overflow on 401/403	
	MAINTENANCE	Convert Data Provider XML config to Java config	
	MAINTENANCE	Remove CanvascalUrlService and write upgrade notes	
2020.11 (2020-04-09)	FEATURE	Add PDF export for Availability view	<a href="#">MyTimetable 2020.11: Availability view PDF</a>
	FEATURE	Desktop: allow 'resetting' individual subscription	
	FEATURE	Desktop: allow 'resetting' all subscriptions of a uniting group	
	FEATURE	Implement caching wrapper for lookups	
	ENHANCEMENT	Support multiple lookups in ConfigurableTimetableSuggestionStrategy /GrantedAuthoritiesProvider	
	ENHANCEMENT	RestWebServiceLookup: make it possible to ignore certain failures	
	ENHANCEMENT	Adjust OSIRIS provider for new format	
	ENHANCEMENT	EC: mention MyTimetable in calendar appointments	
	ENHANCEMENT	API: return custom attributes for staff	
	BUG	PDF export list by location shows '>' as end time instead of '00:00' when event ends exactly at midnight	
	BUG	Condensed list view crashes because of defective comparator	
	BUG	Clicking on locale in collapsible menu of help page doesn't actually switch locale	
	BUG	Pdf week view: rendering when event(s) end at 0:00 renders incorrectly	
	BUG	Location view PDF exports: events timezone adjusted which start/end on the other day are not exported and rendered	
	BUG	Test run generates logs in wrong dir/non-excluded dir	
	BUG	TermTime: cannot use all staff/room data fields	
	BUG	i18n 'Week' string in PdfWeekView class	
	MAINTENANCE	Use Spring's built-in asset cache busting	
	MAINTENANCE	Upgrade mssql-jdbc to 8.2.2.jre11	
	MAINTENANCE	Use nexus proxy for NodeJS download	
	MAINTENANCE	Upgrade Spring Boot to v2.2.6	
	MAINTENANCE	Upgrade Spring Boot to v2.2.5	

2020.10 (2020-02-28)	BUG	Old moduleviewer URL adds empty startDate parameter	
	BUG	Removing trailing space of child subscription name breaks user profile	
	BUG	ES: AcademicPeriod retrieved on incorrect column and not cached correctly	
	BUG	TermTime: not using correct fields when mapping events	
	BUG	Admin: Unset time zone in user preferences not handled	
	BUG	iCal DP: use feed timezone	
	MAINTENANCE	Move common datasource config to Javaconfig	
	MAINTENANCE	Remove jgroups version dependency	
	MAINTENANCE	Scope caches to DataSource by default	
2020.9 (2020-02-13)	BUG	Placeholder replacement Admin.Metrics.Customer.Hostname fails	
2020.8 (2020-02-13)	ENHANCEMENT	S+: select/calculate an isJta bit when retrieving activities	
	ENHANCEMENT	S+ NG: Improve StudentSet timetable retrieval performance	
	BUG	Same Time Activities broken with occurrences in week	
	MAINTENANCE	Convert custom ActivationConditions to Spring Boot default conditions	
2020.7 (2020-02-11)	FEATURE	CSV export: add header	
	FEATURE	CSV export: option to remove week headers	
	FEATURE	S+: implement modulepos timetables	
	ENHANCEMENT	S+: student set option association enhancements	
	ENHANCEMENT	S+: staff children do not support avoid concurrency	
	ENHANCEMENT	Allow disabling all downloads	
	ENHANCEMENT	Help: remove download explanations if not in use	
2020.6 (2020-02-05)	FEATURE	TimetableSuggestionStrategy based on scheduled modules for TermTime staff	
	ENHANCEMENT	S+ activity id generation optimisation	<a href="#">MyTimetable 2020.6: Improving change notifications</a>
2020.5 (2020-01-30)	ENHANCEMENT	GWT temporals	<a href="#">MyTimetable 2020.5: Better time zone support and SameSite cookie handling</a>
	BUG	Return to mobile welcome page after a successful logout from mobile	
	BUG	Timezone issue in GWT list view	
	BUG	Error when opening settings dialog if OAuth is enabled	
	BUG	GWT: day/week calendar viewport indicators only appear after scrolling	
	MAINTENANCE	Send SameSite header on session cookie	
2020.4 (2020-01-21)	FEATURE	Support non-personal/synced auto-added subscriptions	
2020.3 (2020-01-19)	BUG	Admin show user page broken	
2020.2 (2020-01-17)	ENHANCEMENT	S+: event student set retrieval performance	
	ENHANCEMENT	Use up-to-date moment-tz database	
	BUG	auth-static profile does not work	
	BUG	Redirect after login incorrect in dev mode	
	BUG	Redirect loop if SAML auth fails	

	MAINTENANCE	Decrease max batch size	
2020.1 (2020-01-03)	FEATURE	S+: add support for Same Time Activities	
	ENHANCEMENT	Rename 'event' to 'activity' in publication rules resource bundle	
	ENHANCEMENT	Update wiki documentation for Spring Boot packaging	
	ENHANCEMENT	Use java.time (JSR-310) in backend	
	ENHANCEMENT	Publication rules: move start/end time forward/backward naming	
	ENHANCEMENT	Configure default access log rotation in MyTimetable Web Server	
	ENHANCEMENT	ES: optimise activity retrieval	
	SECURITY	GWT: URL parameter 'addTimetables' is vulnerable to CSRF	
	BUG	Untis: merge note fields	
	BUG	DataSourceBasedSqlLookupFactoryBean depends on datasources being initialized	
	BUG	GCaI: refreshing the page after successful sync pops up error dialog box	
	BUG	DataSource.sqlDataSource not set correctly	
	BUG	Incorrect text in notification settings	
	BUG	Deprecated configuration properties not always detected	
	BUG	TermTimeNG: identifiers don't fit in relevant user preferences columns	
	BUG	Mobile: Event sequence filtering broken	
	BUG	TermTime endTime handling incorrect	
	BUG	Adding all-day/multiday timetable and navigating to its events throws http status 500	
	BUG	DateRangePicker renders exclusive end dates, instead of inclusive	
	BUG	Condensed list views render incorrect week numbers for multi-week events	
	BUG	Same Time Activities not working for modules and student sets	
	BUG	Opening timetable from overview page shows wrong week	
	MAINTENANCE	Upgrade Spring Boot to v2.2.1	
	MAINTENANCE	EventPostProcessingServiceImpl queries subscriptions for each event	
	MAINTENANCE	S+ data provider should only query if daterange matches database	
	MAINTENANCE	Upgrade JUnit to v5	