BEM Toolbox3 version 3.23.0 Release and Installation Notes.

Document version: 06 November 2022.

This Toolbox update:
- Supersedes all previous versions of the Toolbox.
- Is compatible with BEM 10 and BEM 11 streams.
- Is applicable for all Associations.
- To enable all facilities in this update requires BEM version 11.22.3 or later.
- For Australian users to have compliance with the 2023 AusCycling regulations, minimum program versions required are:
  - Toolbox 3.23.0
  - BEM 10.23.0 or 11.23.0.

Contents.

Changes from Toolbox3 version 3.22.8 to 3.23.0

06-November-23

- AusCycling BMX Rule Changes for 2023.
  Changes in this Toolbox update are for compliance with Sanctioning Matrix changes to the AusCycling BMX Rules for 2023. Complimentary changes to the BEM program are in version 10.23.0 and 11.23.0.
- The Event Details screen has been updated, adding Server and Port details for HTTP interfaces included in BEM 11 for the moto-sheets Video Wall and JSON API server, with those controls grouped with the Competition ID field included in the JSON reports.

Changes from Toolbox3 version 3.22.7 to 3.22.8

26-July-22

- The 3.22.8 update supports the expansion of the Time Trial facilities introduced in BEM version 11.22.5 allowing for up to 3 Time Trial runs and the new operator setting for Maximum number of riders to transfer to Time Trial SuperFinal with Finals Code SF-MAX.

New Setting

Changes from Toolbox3 version 3.22.6 to 3.22.7

09-June-22

- The Toolbox 3.22.7 update supports the new Class Code of PT-PART introduced in BEM 11.22.3.
  The new class code provides facilities for a Pump Track Participation (non-scored) category where all riders in the category run in all Qualification rounds and all have an additional run in the Finals round.

Changes from Toolbox3 version 3.22.5 to 3.22.6

31-May-22

- The Toolbox 3.22.6 update supports the new CompetitionID field added to Json reports in BEM 11.22.2 for the scoreboard API interface
  The CompetitionID field can be edited when creating new events or editing existing events via the Event Details user form.

Changes from Toolbox3 version 3.22.4 to 3.22.5
11-Mar-22

- This is an important maintenance release correcting a fault inadvertently introduced with version 3.22.4 that occurs when creating a new event file using a reference event.

Changes from Toolbox3 version 3.22.1 to 3.22.4
09-Mar-22

- Updated the import for Red Bull on-line entries for their new 2022 entry format.
- Added new Class Code MTB-XCE and Score Code XCE to support the Mountain Bike Cross Country Eliminator race format added to BEM series 11.
- Added new Class Codes of PT-OS-32 and PAT-OS-16 to support the Pump Track Open Session changes added to BEM series 11.

Changes from Toolbox3 version 3.22.0 to 3.22.1
02-Nov-21

- Correction to the Event Details screen when creating a new event or editing an existing event, the Event Mode may not show either the "BMX / Pump Track / 4x" or "MTB Enduro" options selected.
- Update for compliance with the 2022 AusCycling BMX rule changes associated with Event Sanctioning levels.

Changes from Toolbox3 version 3.21.11 to 3.22.0
22-Oct-21

- Updated World Cup Class Code description for the UCI 2022 rule changes.
- Added note to Enduro and Pump Track Class Code descriptions that to run these events require BEM version 11.
- Updated event template when creating new events adding requirements to cater for MTB Enduro / Gravity Enduro competitions provided in the BEM version 11 stream.
- Updated the rider list database in preparation for the introduction the AusCycling Advanced Rider classification.
- Updated the processing for the moving target that is Red Bull Pump Track race entry format.
- Correction to a fault with operator selections when checking UCI IDs in an event file against the UCI database.

Changes from Toolbox3 version 3.21.10 to 3.21.11
15-May-21

- Updates the processing for Red Bull online entries to match their revised Xivado entry export format.
- Corrects a fault when processing online entries when the "always substitute" option was selected for a non-matching Club where the first processed entry for the substitute was not updated.
- For Australia, removed the OSM online entry option and added Red Bull online entries as a source type selection.

Changes from Toolbox3 version 3.21.9 to 3.21.10

23-Apr-21

The update to 3.21.10 corrects a reporting error that can occur when processing on-line entries and the Club in the on-line entries doesn't match any Club in the event.

Changes from Toolbox3 version 3.21.8 to 3.21.9

25-Mar-21

The update to 3.21.9 corrects two long standing but only recently discovered issues:

- When creating a new .bem event file and the reference event is set for 2 Time Trial runs, the new event will be incorrectly set for 1 Time Trial run.
- When creating a new .bem event file without using a reference event, an error can occur when adding the first new Club to the template.

Changes from Toolbox3 version 3.21.5 to 3.21.8

19-Feb-21

- For Australian users:
  - Conformance with the heading format change made by AusCycling to their TidyHQ Club Membership export.
    As such Toolbox version 3.21.8 becomes the minimum requirement to import AusCycling memberships details from TidyHQ into a BEM Rider List using the procedure in the AusCycling document "BMX Clubs using BEM"
  - Update when refreshing an OSM based BEM Rider List with a TidyHQ export so that:
    - The membership number is always updated from the BMXA number to the AusCycling number irrespective of the expiry date.
    - Improved management of multiple records with the same membership number in the TidyHQ export.

Changes from Toolbox3 version 3.21.2 to 3.21.5

24-Jan-21

- When adding entries to a .bem event from an on-line entry system export, adds a new operator prompt when a rider's Club in the on-line entry does not exist in the event file.
  For this scenario the operator can choose to ignore, select another club that does exist in the event or add the missing club to the event.

The following changes are applicable when Australia selected as the Association.

- Allows an EntryBoss online entry file to be used to refresh an existing Rider List file. I.e. update an OSM Rider List for members who have renewed with their new AusCycling membership number, renewal date and membership level.
- Adds missing BMXA "International Rider" and the EntryBoss generic "Race" membership levels to the event eligibility checking against the event sanctioning level.
- Corrects the operator warning when an AusCycling membership level is not valid for the event as previously the wrong rider details could be shown.

- Corrects a processing error that can occur when checking transponder subscriptions when copying entries to a .bem event file.
- Corrects a processing error when checking UCI IDs when copying EntryBoss entries to a .bem event file.

Changes from Toolbox3 version 3.21.0 to 3.21.2

20-Dec-20

Note that all changes in this upgrade are applicable with Australia selected as the Association.

- Adds a new feature to enable import of online entries for AusCycling events using the EntryBoss system to either a BEM Event or Rider List file.
- Adds a new feature enabling import of Club level membership exports from the AusCycling TidyHQ database to create a new or refresh an existing BEM Rider List file.
  This facility will allow Clubs to update their existing OSM based Rider List for their members who have renewed with AusCycling.
- Added additional transponder number format checking and auto correcting as a work around to offset the lack of any transponder number formatting rules in AusCycling's TidyHQ membership database.
  E.g. In this example the transponder has the unwanted "(20 Inch) removed"

Where the auto-correction is not possible, the operator can enter the valid transponder number in the green box then click the corresponding "Use This" button.

- Expands on the Membership Level checking to include legacy Cycling Australia, BMXA and MTBA memberships.

Changes from Toolbox3 version 3.10.3 to 3.21.0

24-Nov-20

Note that Pump Track facilities require BEM 3.11.x versions for which an upgrade fee is applicable.

- For Australian users
  - The Rider List file will be encrypted to comply with AusCycling security requirements.
  - Membership type applicability to enter and event is now managed by selecting the relevant AusCycling Class of event (sanctioning) level in the Event Details form.
  - Menu selections have been provided in anticipation of processing AusCycling membership database and AusCycling event exports

however those export types are not available from AusCycling as of November 2020.

- Updated the event template to version 47 to support new features allowing operators to add an Event Location and Event or Sponsor web link to be shown in html and selected print reports.

- A new facility is added to check and update rider's UCI IDs in either on-line entry files or a BEM event file via API access to the UCI database.
  Note that this check can also be performed when copying on-line entries into an event file.

- Added a new source type to process Red Bull Pump Track on-line entries.
- When refreshing an existing Rider List, individual details of new entries and renewed memberships are logged in the exception file.
- Added a new feature to update rankings in a .bem event file from a .bsr series file based on Class Type.
  First use for the new tie-break requirements introduced for the 2020 BMX Australia National Series.

Installation of Toolbox Version 3.23.0.

1. All instances of all versions of the BEM Toolbox must be MUST BE UNINSTALLED BEFORE INSTALLING this update.
   This includes limited distribution test versions

   DO NOT SKIP THIS STEP AS THE INTEGRITY OF THE UPGRADE WILL BE COMPRIMISED AND UNPREDICTABLE OPERATION GUARANTEED.
   If you do not understand this requirement, please e-mail lyndon.downing@bigpond.com or perhaps ask a teenager for assistance.

   Screen shots are taken from Windows 7 Pro and may vary depending on the version of windows installed.

   Click Start, Control Panel, Programs and Features (Add and Remove Programs in Windows XP)

   Note that details will differ depending on the Toolbox version currently installed. I.e.

Toolbox Version	Name	Publisher
3.2.x	BEM Toolbox3	Bmx Event Manager
3.3.x and above	BEM Toolbox3	Bemman

   ### Uninstall or change a program

   To uninstall a program, select it from the list and then click Uninstall, Change or Repair.
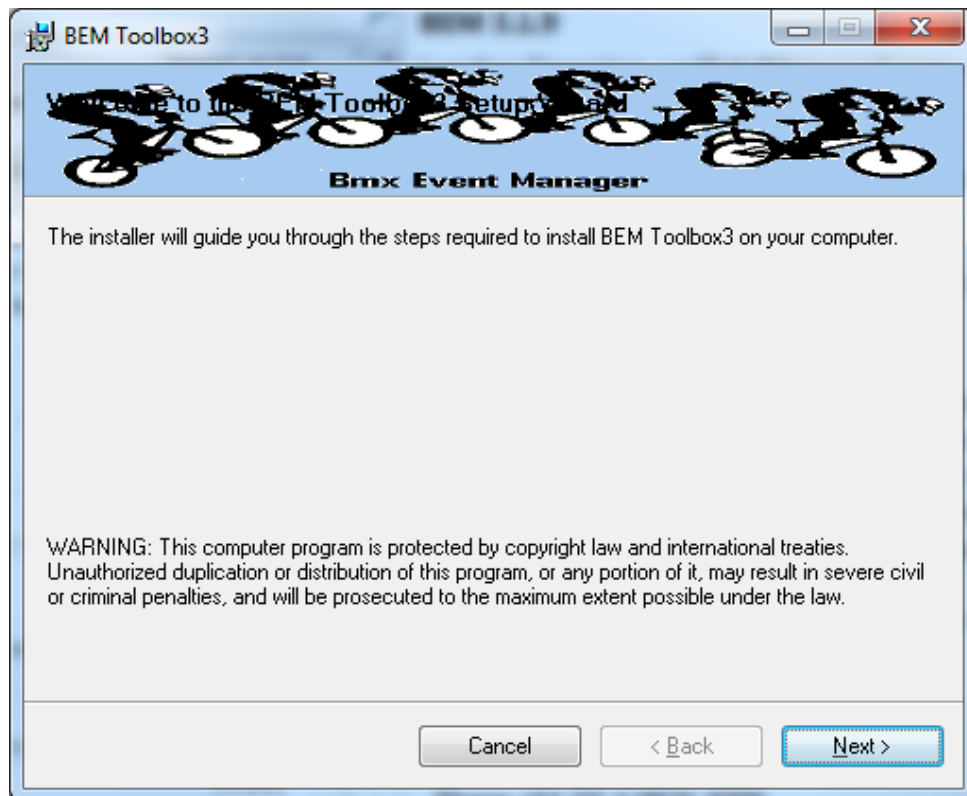
   Organise ▾

Name	Publisher	Installed On	Size	Version
BEM Toolbox3	Bemman	24/06/2022	3.35 MB	3.22.7

   Select BEM Toolbox3, Right click then click on Uninstall.
   Answer Yes to any prompts required to complete the removal of the earlier version.

   Repeat to remove any other instances of BEM Toolbox3 if more than one version was installed.
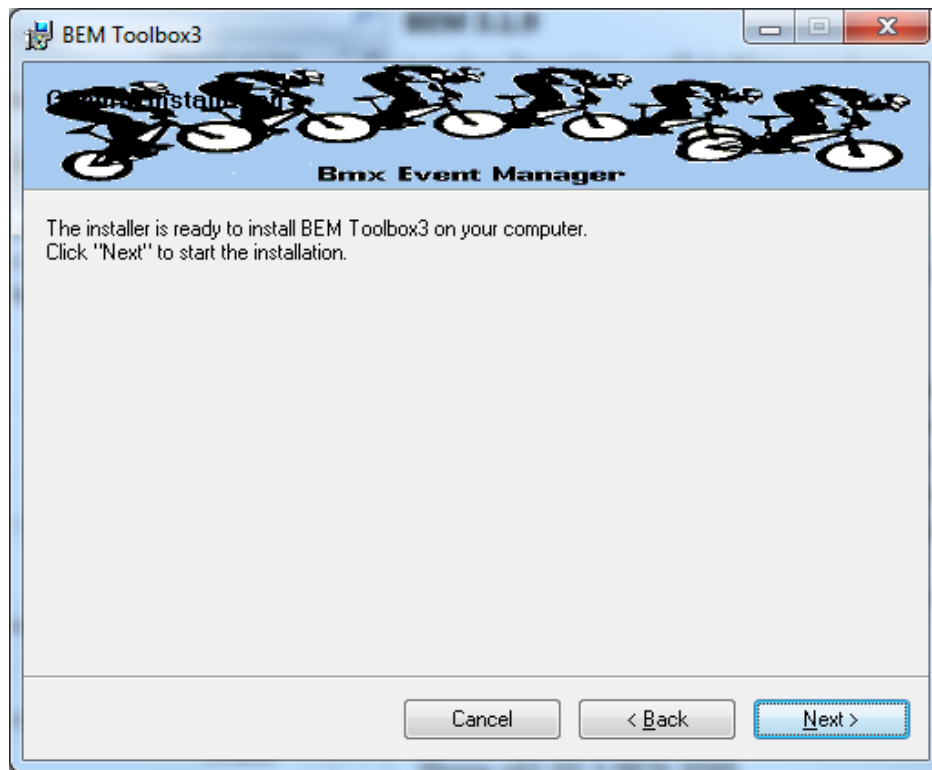
2. Download and save the **1a Toolbox Production 3-23-0.zip** file from https://www.moto-sheets.com/index.php?p=manuals

3. Unzip and save the **1a Toolbox Production 3-23-0.msi** file contained in the **1a Toolbox Production 3-23-0.zip** file.

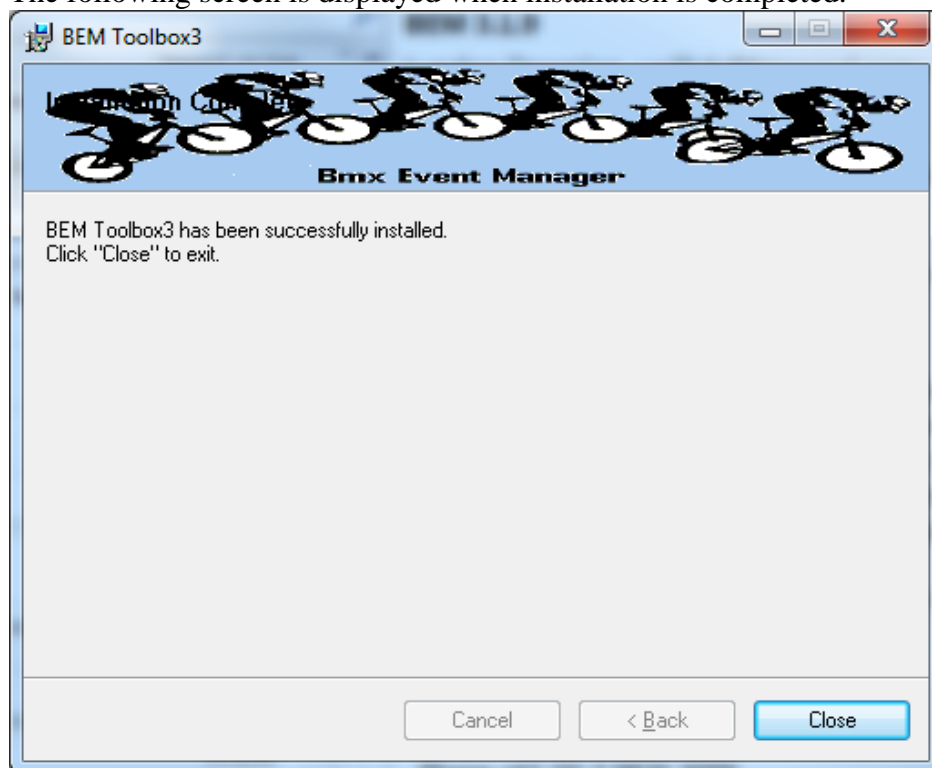4. Double click on the Toolbox Project.msi file to start the installer.

If you accept the copyright and unauthorised distribution conditions, click Next to continue the installation.

5. Click Next to start the installation.

6. The following screen is displayed when installation is completed.

7. Notes:

   a. The installation is hardcoded into the folder structure:
      C:\BEM\Programs\Toolbox

   b. The installation adds the Toolbox to the BMX Event Manager group in
      the Programs Menu and provides a shortcut on the Desktop

8. When prompted, select the language and appropriate Association and when
   the BEM Toolbox main menu is displayed, verify that the details are shown as
   Version 3.23.0, 06 Nov 2022.

Environment Details

The Toolbox3 program has the program files packaged with a third party compiler into a Microsoft Installer file. Note that Microsoft Excel is still required on the computer to be able to run the program.

Although the program is packaged into a MSI file, it is not compiled nor does it require an Activation Code.

The recommended PC environment is:

Operating system Windows XP, Vista, Windows7 or Windows 8 (full version, not the Tablet specific Windows 8 RT), Windows 10.

Office 2010 (recommended), Office 2003 or Office 2007.

The Toolbox 3.8.18 and above allows UCI Rankings to be updated in a BEM event file from an Excel UCI Rankings export from the UCI Website.

For users running Office 2007 and 2003, if not already installed you will need to install a Microsoft compatibility pack to be able to process the UCI Rankings Excel export file as the file format used by UCI contains features introduced in Office 2010. See https://www.microsoft.com/en-US/download/details.aspx?id=3 for details.

Note that the BEM Toolbox is not compatible with Office 2013 and later (or more correctly), changes introduced by Microsoft in Office 2013 are not backwards compatible with thousands of projects that run quite happily on Office 2010, 2007 and 2003.

Critical to the reliable operation of the Toolbox program is to have all Microsoft Office updates, security patches and service packs installed. **If you do not have Excel versions at least matching the following, there is a good change that your version of Excel is not up to date and may result in unpredictable operation.**

Version	Build	Comment
11.0	8404	Excel 2003, Service Pack 3+
12.0	6762	Excel 2007, Service Pack 3+
14.0	7268	Excel 2010 (32 or 64 bit Office installation)

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