AEC Daily EventStream — Event Files

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1 Overview

In this document we provide an overview of AEC Daily EventStream "event files".

This system is designed to be independant of any specific CRM (Customer Relationship Management) product or Business Intelligence (BI) system.

2 How AEC Daily EventStream Event Files Work

When certain "events" happen in websites, event files are created. For example, when a user successfully passes a course or a session, or submits a request form through AEC Daily, an event file is created.

Currently, AEC Daily EventStream collects event files from the following websites:

- AEC Daily (https://www.aecdaily.com)
- AEC Daily Learning Portals

Event files are JSON files and contain information about what happened, typically including:

- When, where, and how the event file was created
- Information about the user involved
- Information about the course and/or session involved (where applicable)

An AEC Daily customer's event files are made available to the customer once they have subscribed to the service.

This document refers to customers that have subscribed to AEC Daily EventStream as **subscribers**.

Please see https://stats.aecdaily.com/integration for subscription information.

2.1   Transport Method (Delivery)

A subscriber may choose to receive event files in one of the following ways:

- Tokenized link to a weekly aggregate event file .zip, delivered automatically via email[1]
- SFTP get command[2] (initiated by the subscriber), to the AEC Daily SFTP server, i.e., your organization will periodically connect to AEC Daily's SFTP site to retrieve copies of the event files.
- SFTP put command[2] (initiated by AEC Daily), to an SFTP server controlled by you or your organization, i.e., AEC Daily will copy event files to your organization's SFTP site.
- HTTP PUT (via https) initiated by AEC Daily, to a web server controlled by the subscriber.

2.2   Filtering and Translations

AEC Daily can typically apply simple filtering or translation rules to event files, to conform to a subscriber's needs. Please contact tech@aecdaily.com for details.

3   Event Files and Types

AEC Daily EventStream events have different types, indicating what site activity triggered the event. Each event is stored in a separate file, and files are processed in order.

3.1   Event Types

AEC Daily EventStream currently supports event types that detail:

- online — Online Course Completion i.e. quiz submitted, pass or fail
- coursechange — Online Course Creation and Update
- coursepurchase — Online Course Access Purchase
- coursesurvey — Online Course Post-Quiz Survey Submission
- courseview — Online Course Details Web Page View
- download — Online Course Materials Download (PDF) or View (HTML5)
- livesession — OBSOLETE. Replaced by livesessionattend
- livecoursechange — Live Course Creation and Update
- livesessionchange — Live Session Creation and Update
- livesessionprereg — Live Session Attendee Registration
- livesessionattend — Live Session Attendee Completion
- livesessiondidnotattend — Live Session Attendee was registered, but did not attend the session (added 202410)
- rfi — Requests from users, rfirfp_data::type variants include:
    - LIVESESSION — Live Session Request Form Submission

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[1] Tokenized links are sent via email to a single email address (specified by the subscriber).
[2] SFTP access is controlled by SSH public keys

- MOREINFO — Request for More Info Form Submission
- ASKEXPERT — Ask An Expert Form Submission

AEC Daily Learning Portals currently supports event types that detail:

- eunicontactus — Contact Us Form Submission
- eunilivesessionchange — Live Session Creation and Update
- eunilivesessionprereg — Live Session Attendee Registration
- eunilivesessionattend — Live Session Attendee Completion
- eunionline — Learning Portal Online Course Completion
- euniscorm — Learning Portal SCORM course Completion
- euniuserreg — New User Registration
- eunicoursequiz — OBSOLETE. Replaced by eunionline
- eunicoursechange — Online Course Creation and Update
- eunilivecoursechange — Live Course Creation and Update
- livesessionchange — OBSOLETE in LP, replaced by eunilivesessionchange
- livesessionprereg — OBSOLETE in LP, replaced by eunilivesessionprereg

3.2   Event File Naming Convention

Each event file is saved in a file with a unique name, following this naming convention:

```
eventtype_yyyymmhh_hhmmss_xxxx_yyyyyy.json
```

- eventtype is the event type (e.g online).
- `yyyymmhh_hhmmss` is the data and time of the event, in North American Eastern time.
- `xxxx` and `yyyyyy` are effectively random decimal and hexadecimal numbers.

You may see the event file names if events are transferred to you via SFTP.

3.3   Requests / Enhancements

Contact tech@aecdaily.com to discuss any specific requests or requirements not mentioned in this document.

4   Additional Information

If you require additional information, or have any questions, please contact tech@aecdaily.com.

Other related documents include:

- AEC Daily EventStream: Integration Overview
- AEC Daily EventStream: Terms of Use