

Concourse Feed Specifications

Version 3.1, Revised 1/30/18

This document describes the structure and format of feeds files which can be used to automate population of the Concourse database from information contained in external client systems.

General

Feed Structure

All feed files must have:

A full header on the first line of the file containing capitalized pipe-separated field names:

FIELD_NAME_1|FIELD_NAME_2|FIELD_NAME_3|...|FIELD_NAME_N

Zero or more empty, content, or comment rows of the form:

FIELD_VALUE_1|FIELD_VALUE_2|FIELD_VALUE_3|...|FIELD_VALUE_N

or

Comment

Type

A number of feed types are available to populate user, course, and syllabus data within the system. Each feed type has a context-specific header and row format, detailed below.

Required vs Optional Fields

Required fields are noted below. If these fields are empty or malformed an error will be generated and the row will not be processed. Errors and their possible resolutions are described in further in the Feed Error Details document.

Automation

Once feeds are validated via manual upload, the processing of feeds can be automated by a POST over HTTPS. Please see the article on automated feed processing to learn how to generate such a valid request.

The following pages detail each of the types of feed files.

User Feed

Overall

Description: The users feed file provides Concourse information about user accounts.

Sample filename: `concourse_users.txt`

Automation type: User

Notes: Passwords are not included in the file so as to avoid transferring them as plain-text. The best option for providing seamless integration is to configure Concourse to authenticate users via an existing system (LTI, SSO, LDAP, etc.). Otherwise users will need to reset their password before their first logon.

Fields

Name: `USER_IDENTIFIER`

Description: User account identifier common across feed files.

Example: `smithb`

Notes: Installations may use email addresses, usernames, or numbers for identification. Any are supported as long as the same identifier is used throughout the entire integrated environment.

Required

Name: `FIRST_NAME`

Description: User's first name.

Example: `Bob`

Required

Name: `LAST_NAME`

Description: User's last name.

Example: `Smith`

Required

Name: `EMAIL`

Description: User's email address.

Example: smithb@university.edu

Notes: Email value is lowercased before being stored.

Required

Name: `INTERNAL_USER`

Description: Determines whether the user will use internal (Concourse-based) or external (via LTI, SSO, LDAP, etc.) authentication.

Examples: `1, 0`

Notes: If omitted, users are set to use internal authentication.

Course Feed

Overall

Description: The courses file provides Concourse with information related to courses.

Sample filename: concourse_courses.txt

Automation type: Course

Notes: Each course row equates to one instance of a course syllabus. The section feed should be subsequently run to place at least one section in the course, each of which will share the same syllabus. If an individual syllabus will be used for each section of a course, the course and section feed rows should match one-to-one.

Fields

Name: COURSE_IDENTIFIER

Description: Course identifier common across feed files.

Example: 2018_F1_ACCT_2025_69

Required

Name: TITLE

Description: Title of course.

Example: Introduction to Accounting

Required

Name: CAMPUS_IDENTIFIER

Description: Identifier for campus offering course.

Example: MAIN

Notes: Must match an identifier entered on the domain setup page.

Required

Name: DEPARTMENT_IDENTIFIER

Description: Identifier for department offering course.

Example: ACCT

Notes: Must match an identifier entered on the domain setup page.

Required

Name: START_DATE

Description: Date course begins.

Example: 05/30/2018

Notes: MM/DD/YYYY format.

Required

Name: END_DATE

Description: Date course ends.

Example: 08/23/2018

Notes: MM/DD/YYYY format.

Required

Name: CLONE_FROM_IDENTIFIER

Description: The identifier of the template/course from which to clone.

Examples: 2018_ACCT_101_TPL

Notes: If omitted the course is created as new and not cloned.

Name: TIMEZONE

Description: The timezone where the course is being offered.

Example: America/Los_Angeles

Notes: If omitted the course will default to the configuration value.

Name: PREFIX

Description: Prefix/subject code of the course.

Example: ACCT

Name: NUMBER

Description: Catalog course number.

Example: 101

Name: INSTRUCTOR

Description: Plain text name of instructor.

Example: Bob E. Smith

Name: SESSION

Description: Academic session during which the course is offered.

Example: Fall

Name: YEAR

Description: Year during which the course is offered.

Example: 2018

Name: CREDITS

Description: The number of credits the course provides the student.

Example: 3.0

Name: DELIVERY_METHOD

Description: Short description of the method used for delivery of the course.

Examples: Online, Hybrid

Name: IS_STRUCTURED

Description: Determines whether the course will be created as a structured or an upload-only course.

Examples: 1, 0

Notes: If omitted the course is created as structured if structure is enabled and is created as unstructured otherwise. Parameter ignored if CLONE_FROM_IDENTIFIER is populated.

Name: IS_TEMPLATE

Description: Determines whether the course will be created as a template or non-template.

Examples: 1, 0

Notes: If omitted the course is created as a full (non-template) course.

Name: HIDDEN_FROM_SEARCH

Description: Determines whether the course will be displayed in search results.

Examples: 1, 0

Notes: If omitted the course will be displayed in search results.

Section Feed

Overall

Description: File which specifies the sections which should be created for a given course.

Sample filename: `concourse_sections.txt`

Automation type: Section

Notes: The section feed should be subsequently run to place at least one section in a given course. If multiple sections are provided for a course, they will all share the same course syllabus. Therefore if an individual syllabus will be available for each section of a course, the course and section feed rows should match one-to-one.

Fields

Name: `COURSE_IDENTIFIER`

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: `SECTION_IDENTIFIER`

Description: Section identifier common across feed files.

Example: `2018_F1_ACCT_2025_69_SEC`

Required

Name: `SECTION_LABEL`

Description: Human-readable label.

Example: `1A`

Required

Registration Feed

Overall

Description: File which specifies the users who should be enrolled in courses within a specific group.

Sample filename: `concourse_registrations.txt`

Automation type: Registration

Fields

Name: SECTION_IDENTIFIER

Description: Section identifier common across feed files.

Example: `2018_F1_ACCT_2025_69_001`

Required

Name: USER_IDENTIFIER

Description: User account identifier common across feed files.

Example: `smithb`

Required

Name: GROUP_NAME

Description: The name of the group into which user the user should be placed.

Example: `Instructors`

Notes: Group name must match one of the following: Managers, Developers, Instructors, Assistants, Students, Guests, Public

Required

Disable User Feed

Overall

Description: File which specifies the users who should be disabled and potentially permanently purged from the system.

Sample filename: `concourse_disable_user.txt`

Automation type: `DisableUser`

Fields

Name: `USER_IDENTIFIER`

Description: User account identifier common across feed files.

Example: `smithb`

Required

Name: `DISABLED`

Description: Determines whether to disable the user.

Examples: `1, 0`

Notes: Users can be subsequently re-enabled by providing a `0` in this column.

Required

Mark Course for Deletion Feed

Overall

Description: File which specifies the courses which should be marked for deletion and potentially permanently purged from the system.

Sample filename: `concourse_mark_course_for_deletion.txt`

Automation type: `MarkCourseForDeletion`

Fields

Name: `COURSE_IDENTIFIER`

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: `MARK_FOR_DELETION`

Description: Determines whether to mark the course for deletion.

Examples: 1, 0

Notes: Course can be subsequently unmarked for deletion by providing a 0 in this column.

Required

Drop Registration Feed

Overall

Description: File which specifies the users that should be dropped from sections of a course.

Sample filename: `concourse_drop_registration.txt`

Automation type: DropRegistration

Fields

Name: SECTION_IDENTIFIER

Description: Section identifier common across feed files.

Example: `2018_F1_ACCT_2025_69_SEC`

Required

Name: USER_IDENTIFIER

Description: User account identifier common across feed files.

Example: `smithb`

Required

Name: DROP

Description: Determines whether to drop the user from the section.

Examples: 1, 0

Notes: Users cannot be re-enrolled by providing a 0 in this column. They must be enrolled again using a registration feed.

Required

Campus Feed

Overall

Description: File which specifies the campuses created in the domain organization.

Sample filename: `concourse_campuses.txt`

Automation type: Campus

Fields

Name: `CAMPUS_IDENTIFIER`

Description: Campus identifier common across feed files.

Example: `de`

Required

Name: `NAME`

Description: Human-readable label.

Example: `Distance Education`

Required

School Feed

Overall

Description: File which specifies the schools created in the domain organization.

Sample filename: concourse_schools.txt

Automation type: School

Fields

Name: SCHOOL_IDENTIFIER

Description: School identifier common across feed files.

Example: sob

Required

Name: NAME

Description: Human-readable label.

Example: School of Business

Required

Department Feed

Overall

Description: File which specifies the departments created in the domain organization.

Sample filename: `concourse_departments.txt`

Automation type: Department

Fields

Name: SCHOOL_IDENTIFIER

Description: School identifier common across feed files.

Example: sob

Required

Name: DEPARTMENT_IDENTIFIER

Description: Department identifier common across feed files.

Example: econ

Required

Name: NAME

Description: Human-readable label.

Example: Economics

Required

Syllabus Content Feeds - Meeting Times

Overall

Description: File which specifies content that should be inserted on a syllabus and whether it will be editable.

Sample filename: `concourse_meeting_times.txt`

Automation type: MeetingTime

Fields

Name: COURSE_IDENTIFIER

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: NOTES

Description: HTML that will appear in the main area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: COMMENTS

Description: HTML that will appear in the comment area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: IS_LOCKED

Description: Determines whether the item will be editable within Concourse.

Examples: 1, 0

Notes: If migrating data on a one-time basis, use a value of 0. If synchronizing data with an external system regularly, a value of 1 is suggested.

Required

Syllabus Content Feeds - Contact Information

Overall

Description: File which specifies content that should be inserted on a syllabus and whether it will be editable.

Sample filename: `concourse_contact_information.txt`

Automation type: ContactInformation

Fields

Name: COURSE_IDENTIFIER

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: NOTES

Description: HTML that will appear in the main area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: COMMENTS

Description: HTML that will appear in the comment area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: IS_LOCKED

Description: Determines whether the item will be editable within Concourse.

Examples: 1, 0

Notes: If migrating data on a one-time basis, use a value of 0. If synchronizing data with an external system regularly, a value of 1 is suggested.

Required

Syllabus Content Feeds - Description

Overall

Description: File which specifies content that should be inserted on a syllabus and whether it will be editable.

Sample filename: `concourse_description.txt`

Automation type: Description

Fields

Name: `COURSE_IDENTIFIER`

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: `DESCRIPTION`

Description: HTML that will appear in the description area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `REQUISITES`

Description: HTML that will appear in the requisite area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `NOTES`

Description: HTML that will appear in the notes area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `COMMENTS`

Description: HTML that will appear in the comment area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `IS_LOCKED`

Description: Determines whether the item will be editable within Concourse.

Examples: 1, 0

Notes: If migrating data on a one-time basis, use a value of 0. If synchronizing data with an external system regularly, a value of 1 is suggested.

Required

Syllabus Content Feeds - Objectives

Overall

Description: File which specifies content that should be inserted on a syllabus and whether it will be editable.

Sample filename: `concourse_objectives.txt`

Automation type: Objective

Fields

Name: `COURSE_IDENTIFIER`

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: `OBJECTIVES`

Description: HTML that will appear in the objective area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `NOTES`

Description: HTML that will appear in the notes area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `COMMENTS`

Description: HTML that will appear in the comment area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `IS_LOCKED`

Description: Determines whether the item will be editable within Concourse.

Examples: 1, 0

Notes: If migrating data on a one-time basis, use a value of 0. If synchronizing data with an external system regularly, a value of 1 is suggested.

Required

Syllabus Content Feeds - Outcomes

Overall

Description: File which specifies content that should be inserted on a syllabus and whether it will be editable.

Sample filename: `concourse_outcomes.txt`

Automation type: Outcome

Fields

Name: COURSE_IDENTIFIER

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: OUTCOMES

Description: HTML that will appear in the outcomes area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: NOTES

Description: HTML that will appear in the notes area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: COMMENTS

Description: HTML that will appear in the comment area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: IS_LOCKED

Description: Determines whether the item will be editable within Concourse.

Examples: 1, 0

Notes: If migrating data on a one-time basis, use a value of 0. If synchronizing data with an external system regularly, a value of 1 is suggested.

Required

Syllabus Content Feeds - Materials

Overall

Description: File which specifies content that should be inserted on a syllabus and whether it will be editable.

Sample filename: `concourse_materials.txt`

Automation type: Material

Fields

Name: `COURSE_IDENTIFIER`

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: `NOTES`

Description: HTML that will appear in the main area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `COMMENTS`

Description: HTML that will appear in the comment area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `IS_LOCKED`

Description: Determines whether the item will be editable within Concourse.

Examples: 1, 0

Notes: If migrating data on a one-time basis, use a value of 0. If synchronizing data with an external system regularly, a value of 1 is suggested.

Required

Syllabus Content Feeds - Deliverables

Overall

Description: File which specifies content that should be inserted on a syllabus and whether it will be editable.

Sample filename: `concourse_deliverables.txt`

Automation type: Deliverable

Fields

Name: `COURSE_IDENTIFIER`

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: `NOTES`

Description: HTML that will appear in the main area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `COMMENTS`

Description: HTML that will appear in the comment area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `IS_LOCKED`

Description: Determines whether the item will be editable within Concourse.

Examples: 1, 0

Notes: If migrating data on a one-time basis, use a value of 0. If synchronizing data with an external system regularly, a value of 1 is suggested.

Required

Syllabus Content Feeds - Evaluation

Overall

Description: File which specifies content that should be inserted on a syllabus and whether it will be editable.

Sample filename: `concourse_evaluation.txt`

Automation type: Evaluation

Fields

Name: `COURSE_IDENTIFIER`

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: `NOTES`

Description: HTML that will appear in the main area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `COMMENTS`

Description: HTML that will appear in the comment area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `IS_LOCKED`

Description: Determines whether the item will be editable within Concourse.

Examples: 1, 0

Notes: If migrating data on a one-time basis, use a value of 0. If synchronizing data with an external system regularly, a value of 1 is suggested.

Required

Syllabus Content Feeds - Course Policies

Overall

Description: File which specifies content that should be inserted on a syllabus and whether it will be editable.

Sample filename: `concourse_course_policies.txt`

Automation type: `CoursePolicy`

Fields

Name: `COURSE_IDENTIFIER`

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: `NOTES`

Description: HTML that will appear in the main area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `COMMENTS`

Description: HTML that will appear in the comment area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `IS_LOCKED`

Description: Determines whether the item will be editable within Concourse.

Examples: 1, 0

Notes: If migrating data on a one-time basis, use a value of 0. If synchronizing data with an external system regularly, a value of 1 is suggested.

Required

Syllabus Content Feeds - Institutional Policies

Overall

Description: File which specifies content that should be inserted on a syllabus and whether it will be editable.

Sample filename: `concourse_institutional_policies.txt`

Automation type: InstitutionalPolicy

Fields

Name: COURSE_IDENTIFIER

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: NOTES

Description: HTML that will appear in the main area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: COMMENTS

Description: HTML that will appear in the comment area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: IS_LOCKED

Description: Determines whether the item will be editable within Concourse.

Examples: 1, 0

Notes: If migrating data on a one-time basis, use a value of 0. If synchronizing data with an external system regularly, a value of is suggested 1.

Required

Syllabus Content Feeds - Additional Items

Overall

Description: File which specifies content that should be inserted on a syllabus and whether it will be editable.

Sample filename: `concourse_additional_items.txt`

Automation type: `AdditionalItem`

Fields

Name: `COURSE_IDENTIFIER`

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: `NOTES`

Description: HTML that will appear in the main area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `COMMENTS`

Description: HTML that will appear in the comment area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `IS_LOCKED`

Description: Determines whether the item will be editable within Concourse.

Examples: 1, 0

Notes: If migrating data on a one-time basis, use a value of 0. If synchronizing data with an external system regularly, a value of is suggested 1.

Required

Syllabus Content Feeds - Schedule

Overall

Description: File which specifies content that should be inserted on a syllabus and whether it will be editable.

Sample filename: `concourse_schedule.txt`

Automation type: Schedule

Fields

Name: `COURSE_IDENTIFIER`

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: `NOTES`

Description: HTML that will appear in the main area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `COMMENTS`

Description: HTML that will appear in the comment area for the item.

Example: `<p>Here is some text.</p>`

Notes: It is recommended that this text be surrounded with `<p></p>` tags.

Name: `IS_LOCKED`

Description: Determines whether the item will be editable within Concourse.

Examples: 1, 0

Notes: If migrating data on a one-time basis, use a value of 0. If synchronizing data with an external system regularly, a value of 1 is suggested.

Required

Delete Locked Item Feed

Overall

Description: File which specifies content that should be removed from a syllabus.

Sample filename: `concourse_delete_locked_items.txt`

Automation types: One of:

- DeleteMeetingTime
- DeleteContactInformation
- DeleteDescription
- DeleteObjective
- DeleteOutcome
- DeleteMaterial
- DeleteDeliverable
- DeleteEvaluation
- DeleteCoursePolicy
- DeleteInstitutionalPolicy
- DeleteAdditionalItem
- DeleteSchedule

Notes: An item must have been inserted and locked via a syllabus content feed for it to be deleted via feed file.

Fields

Name: `COURSE_IDENTIFIER`

Description: Course identifier common across feed files.

Example: `2018_F1_ACCT_2025_69`

Required

Name: `DELETE`

Description: Determines whether to remove the item from the syllabus.

Examples: 1, 0

Notes: Items cannot be recovered by providing a 0 in this column. They must be added again using a syllabus content feed.

Required