

USER DATA CONTAINS:

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{
  USER METADATA: KEY=user_metadata
  // user's metadata in a single dictionary
  {
    "id": 1,
    "name": "Jonathan",
    "token": "ir903q4ur8394hr8ehrf",
    "domain": "psu.instructure.com",
    "updated_at": 323442,
    "update_duration": 88, //seconds
    "courses_selected": [39238, 234544, 123432]
  }
  COURSES: KEY=courses
  // represents a list of course dictionaries
  [
    COURSE:
    // represents a course dictionary
    {
      "id": 370663
      "name": "InstructureCon 2012",
      "course_code": "INSTCON12",
      "original_name": "InstructureCon-2012-01",
      "default_view": "feed",
      "syllabus_body": "<p>syllabus html goes here</p>",
      "public_description": "Come one, come all to InstructureCon 2012!",
      "time_zone": "America/Denver"
    }
  ]
  FILES: KEY=files
  // represents a list of file dictionaries
  [
    FILE:
    // represents a file dictionary
    {
      "id": 569
      "type": file
      "folder_id": 4207,
      "display_name": "file.txt",
      "filename": "file.txt",
      "url": "http://www.example.com/file..."
    }
  ]
}
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        "size": 43451,
        "updated_at": "2012-07-06T14:58:50Z",
        "locked": false,
        "lock_explanation": "This assignment is locked until September 1 at
12:00am",
        "module_id": 123, // custom
        "module_name": "name" // custom
    }
]
ANNOUNCEMENTS: KEY=announcements
// represents a list of announcement dictionaries
[
    ANNOUNCEMENT:
    // represents an announcement dictionary
    {
        "id": 1,
        "type": "announcement"
        "title": "Hear ye",
        "message": "Henceforth, all assignments must be...",
        "course_id": 323442,
        "posted_at": "2017-01-31T22:00:00Z",

    }
]
ASSIGNMENTS: KEY="assignments"
// represents a list of assignment dictionaries
[
    ASSIGNMENT:
    // represents an assignment dictionary
    {
        "id": 4,
        "type": "assignment"
        "name": "some assignment",
        "description": "<p>Do the following:</p>...",
        "created_at": "2012-07-01T23:59:00-06:00",
        "updated_at": "2012-07-01T23:59:00-06:00",
        "due_at": "2012-07-01T23:59:00-06:00",
        "course_id": 123,
        "submission_types": ["online_text_entry"]
        "can_submit": true,
    }
]

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        "graded_submissions_exist": false
        "module_id": 123, // custom
        "module_name": "name" // custom
        "content": [] // custom
        // for content, get href links from assignment description, refer to
assignment_to_content.py

    }
]
QUIZZES: KEY="quizzes"
// represents a list of quiz dictionaries
[
    QUIZ:
    // represents a quiz dictionary
    {
        "id": 5,
        "title": "Hamlet Act 3 Quiz",
        "preview_url": "http://canvas.example.edu...",
        "description": "This is a quiz on Act 3 of Hamlet",
        "quiz_type": "assignment",
        "time_limit": 5,
        "allowed_attempts": 3,
        "points_possible": 20,
        "due_at": "2013-01-23T23:59:00-07:00",
        "locked_for_user": false,
        "lock_explanation": "This quiz is locked until September 1 at 12:00am",
        "module_id": 123, // custom
        "module_name": "name" // custom
    }
]
CALENDAR EVENTS: KEY="calendar_events"
// represents a list of calendar event dictionaries
[
    EVENT:
    // represents a calendar event dictionary
    {
        "id": 234,
        "title": "Paintball Fight!",
        "start_at": "2012-07-19T15:00:00-06:00",
        "end_at": "2012-07-19T16:00:00-06:00",

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"description": "<b>It's that time again!</b>",  
"location_name": "Greendale Community College",  
"location_address": "Greendale, Colorado",  
"context_code": "course_123",  
"context_name": "Chemistry 101",  
"all_context_codes": "course_123,course_456"  
"url": "https://example.com/api/v1/calendar_events/234",  
}
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]
```

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}
```