

# 学認LMS-受講履歴取得API(第2版)-APIリファレンス

受講履歴取得API (学認LMSオプション) の利用を検討中の機関管理者様への参考資料として、APIのレスポンスのサンプルを示します。APIリクエストの詳細は、本オプションを申し込まれた機関管理者様へ提供する「利用者マニュアル」に記載しております。

## コースモジュールidの取得

APIで提供されているコースに設置されている小テストとSCORM教材のコースモジュールのidをはじめとした各種情報をJSONデータで取得する機能です。

### 出力例(JSONデータ)

```
[{"cmid": "176", "courseid": "56", "coursefullname": "\u4f26\u4f26\u516c\u4e3b\u7684\u4fe1\u606f\u5b89\u5168\u6559\u5ba4", "coursevisibility": "0", "courseshortname": "rinrin_security-cn", "modinstanceid": "43", "visibility": "1", "modname": "quiz", "modnamelocal": "\u5c0f\u30c6\u30b9\u30c8", "modinstancename": "\u81ea\u8003"}, {"cmid": "177", "courseid": "56", "coursefullname": "\u4f26\u4f26\u516c\u4e3b\u7684\u4fe1\u606f\u5b89\u5168\u6559\u5ba4", "coursevisibility": "0", "courseshortname": "rinrin_security-cn", "modinstanceid": "44", "visibility": "0", "modname": "quiz", "modnamelocal": "\u5c0f\u30c6\u30b9\u30c8", "modinstancename": "\u590d\u4e60\u8003\u8bd5"}, {"cmid": "172", "courseid": "55", "coursefullname": "Princess Rinrin's information security column", "coursevisibility": "1", "courseshortname": "rinrin_security-en", "modinstanceid": "41", "visibility": "1", "modname": "quiz", "modnamelocal": "\u5c0f\u30c6\u30b9\u30c8", "modinstancename": "Self examinations"}, {"cmid": "173", "courseid": "55", "coursefullname": "Princess Rinrin's information security column", "coursevisibility": "1", "courseshortname": "rinrin_security-en", "modinstanceid": "42", "visibility": "0", "modname": "quiz", "modnamelocal": "\u5c0f\u30c6\u30b9\u30c8", "modinstancename": "Review examinations"}, {"cmid": "168", "courseid": "52", "coursefullname": "\u502b\u502b\u59eb\u306e\u60c5\u5831\u30bb\u30ad\u30e5\u30ea\u30c6\u30a3\u6559\u5ba4", "coursevisibility": "1", "courseshortname": "rinrin_security-ja", "modinstanceid": "39", "visibility": "1", "modname": "quiz", "modnamelocal": "\u5c0f\u30c6\u30b9\u30c8", "modinstancename": "\u81ea\u5df1\u8a3a\u65ad\u30c6\u30b9\u30c8"}, {"cmid": "169", "courseid": "52", "coursefullname": "\u502b\u502b\u59eb\u306e\u60c5\u5831\u30bb\u30ad\u30e5\u30ea\u30c6\u30a3\u6559\u5ba4", "coursevisibility": "1", "courseshortname": "rinrin_security-ja", "modinstanceid": "33", "visibility": "1", "modname": "scorm", "modnamelocal": "SCORM\u30d1\u30c3\u30b1\u30fc\u30b8", "modinstancename": "\u5b66\u7fd2\u6559\u6750"}, {"cmid": "170", "courseid": "52", "coursefullname": "\u502b\u502b\u59eb\u306e\u60c5\u5831\u30bb\u30ad\u30e5\u30ea\u30c6\u30a3\u6559\u5ba4", "coursevisibility": "1", "courseshortname": "rinrin_security-ja", "modinstanceid": "40", "visibility": "0", "modname": "quiz", "modnamelocal": "\u5c0f\u30c6\u30b9\u30c8", "modinstancename": "\u3075\u308a\u8fd4\u308a\u30c6\u30b9\u30c8"}]
```

## 出力例(JSONデータのデコード結果)

```
[
  {
    "cmid": "176",
    "courseid": "56",
    "coursefullname": "伦伦公主的信息安全教室",
    "coursevisibility": "0",
    "courseshortname": "rinrin_security-cn",
    "modinstanceid": "43",
    "visibility": "1",
    "modname": "quiz",
    "modnamelocal": "小テスト",
    "modinstancename": "自考"
  },
  {
    "cmid": "177",
    "courseid": "56",
    "coursefullname": "伦伦公主的信息安全教室",
    "coursevisibility": "0",
    "courseshortname": "rinrin_security-cn",
    "modinstanceid": "44",
    "visibility": "0",
    "modname": "quiz",
    "modnamelocal": "小テスト",
    "modinstancename": "复习考试"
  },
  {
    "cmid": "172",
    "courseid": "55",
    "coursefullname": "Princess Rinrin's information security column",
    "coursevisibility": "1",
    "courseshortname": "rinrin_security-en",
    "modinstanceid": "41",
    "visibility": "1",
    "modname": "quiz",
    "modnamelocal": "小テスト",
    "modinstancename": "Self examinations"
  },
  {
    "cmid": "173",
    "courseid": "55",
    "coursefullname": "Princess Rinrin's information security column",
    "coursevisibility": "1",
    "courseshortname": "rinrin_security-en",
    "modinstanceid": "42",
    "visibility": "0",
    "modname": "quiz",
    "modnamelocal": "小テスト",
    "modinstancename": "Review examinations"
  },
  {

```

```

    "cmid": "168",
    "courseid": "52",
    "coursefullname": "倫倫姫の情報セキュリティ教室",
    "coursevisibility": "1",
    "courseshortname": "rinrin_security-ja",
    "modinstanceid": "39",
    "visibility": "1",
    "modname": "quiz",
    "modnamelocal": "小テスト",
    "modinstancename": "自己診断テスト"
  },
  {
    "cmid": "169",
    "courseid": "52",
    "coursefullname": "倫倫姫の情報セキュリティ教室",
    "coursevisibility": "1",
    "courseshortname": "rinrin_security-ja",
    "modinstanceid": "33",
    "visibility": "1",
    "modname": "scorm",
    "modnamelocal": "SCORMパッケージ",
    "modinstancename": "学習教材"
  },
  {
    "cmid": "170",
    "courseid": "52",
    "coursefullname": "倫倫姫の情報セキュリティ教室",
    "coursevisibility": "1",
    "courseshortname": "rinrin_security-ja",
    "modinstanceid": "40",
    "visibility": "0",
    "modname": "quiz",
    "modnamelocal": "小テスト",
    "modinstancename": "ふり返りテスト"
  }
]

```

## 受講レポートの取得

小テストやSCORMパッケージのコースモジュールidを指定して、機関の受講者に関するレポートを取得できます。指定したコースモジュールが小テストの場合は、評価レポートでダウンロード可能なCSVファイルとほぼ同じ内容を出力します。一方、指定したコースモジュールがSCORMパッケージの場合は、基本レポートでダウンロード可能なTSVファイルとほぼ同じ内容を出力します。

### 小テストの受講レポートの出力

#### 出力例(CSVデータ)

```

姓,名,ユーザ名,状態,開始日時,受験完了,所要時間,評点/100.00,"Q. 1 /33.33","Q. 2 /33.33","Q. 3 /33.33"

```

```
隅田, 祐太, apis01, 終了, "2023/10/18 13:13:09", "2023/10/18 13:13:42", 33
秒, 100.00, 33.33, 33.33, 33.33
磯川, 勝弘, apis03, 終了, "2023/10/24 18:16:27", "2023/10/24 18:16:42", 15
秒, 33.33, 33.33, 0.00, 0.00
```

## SCORMパッケージの受講レポートの出力

### 出力例(CSVデータ)

```
姓名, ユーザ名, 受験, 開始日時, 最終アクセス日時, 評点, 表紙, "1. 概要と目標", "2. 事例", "3. 解
答と解説"
"隅田 祐太", apis01, 1, "2023/10/12 17:31:28", "2023/10/12 17:32:56", 100, 完了, 完
了, 100/100, 完了
"大石 栄作", apis02, -, -, -, -, 未受験, 未受験, 未受験, 未受験
"磯川 勝弘", apis03, 1, "2023/10/24 19:17:12", "2023/10/24 19:17:46", 0, 完了, 完了, 未受験,
未受験
"武井 亮介", apis04, -, -, -, -, 未受験, 未受験, 未受験, 未受験
"塚本 慶一", apis05, -, -, -, -, 未受験, 未受験, 未受験, 未受験
"鈴木 尚人", apit01, -, -, -, -, 未受験, 未受験, 未受験, 未受験
"川越 洋", apit02, -, -, -, -, 未受験, 未受験, 未受験, 未受験
```

## インタラクショナルレポートの取得

SCORMパッケージのインタラクショナルレポートで得られるのと同様のデータをJSONデータで得られます。また、そのデータの一部のみをCSVデータで得ることもできます。

### 出力例(JSONデータ)

```
[{"user":
{"id": "54", "firstname": "\u7950\u592a", "lastname": "\u9685\u7530", "username": "apis01"},
"attempt": {"start": "2023/10/12 17:31:28", "finish": "2023/10/12 17:32:56", "attempt": "1", "grade": 100, "totalobjects": 4},
"learningobjects": [{"title": "\u8868\u7d19", "scoId": "606", "score": "\u5b8c\u4e86", "cmi.core.exit": "", "cmi.core.lesson_status": "completed", "cmi.core.total_time": "00:00:00.00"}, {"title": "1. \u6982\u8981\u3068\u76ee\u6a19", "scoId": "607", "score": "\u5b8c\u4e86", "cmi.core.exit": "", "cmi.core.lesson_status": "completed", "cmi.core.total_time": "00:00:00.00"}, {"title": "2. \u4e8b\u4f8b", "scoId": "608", "score": 100, "cmi.core.exit": "", "cmi.core.lesson_status": "passed", "cmi.core.total_time": "00:00:46.00"}, {"title": "3. \u89e3\u7b54\u3068\u89e3\u8aac", "scoId": "609", "score": "\u5b8c\u4e86", "cmi.core.exit": "", "cmi.core.lesson_status": "completed", "cmi.core.total_time": "00:00:00.00"}]}, {"user": {"id": "55", "firstname": "\u6804\u4f5c", "lastname": "\u5927\u77f3", "username": "apis02"}, "attempt": {"finish": "", "start": "", "grade": 0, "attempt": 0, "totalobjects": 4}, "learningobjects": [{"title": "\u8868\u7d19", "scoId": "606", "lesson_status": "notattempted", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "", "cmi.core.total_ti
```

```

me":"","},{ "title": "1.
\u6982\u8981\u3068\u76ee\u6a19", "sco id": "607", "lesson_status": "notattempted", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "", "cmi.core.total_time": ""}, {"title": "2.
\u4e8b\u4f8b", "sco id": "608", "lesson_status": "notattempted", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "", "cmi.core.total_time": ""}, {"title": "3.
\u89e3\u7b54\u3068\u89e3\u8aac", "sco id": "609", "lesson_status": "notattempted", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "", "cmi.core.total_time": ""}]], {"user":
{"id": "56", "firstname": "\u52dd\u5f18", "lastname": "\u78ef\u5ddd", "username": "apis03"}, "attempt": {"start": "2023/10/24 19:17:12", "finish": "2023/10/24
19:17:46", "attempt": "1", "grade": 0, "totalobjects": 4}, "learningobjects":
[{"title": "\u8868\u7d19", "sco id": "606", "score": "\u5b8c\u4e86", "cmi.core.exit": "", "cmi.core.lesson_status": "completed", "cmi.core.total_time": "00:00:01.00"}, {"title": "1.
\u6982\u8981\u3068\u76ee\u6a19", "sco id": "607", "score": "\u5b8c\u4e86", "cmi.core.exit": "", "cmi.core.lesson_status": "completed", "cmi.core.total_time": "00:00:00.00"}, {"title": "2.
\u4e8b\u4f8b", "sco id": "608", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "not attempted", "cmi.core.total_time": ""}, {"title": "3.
\u89e3\u7b54\u3068\u89e3\u8aac", "sco id": "609", "lesson_status": "notattempted", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "", "cmi.core.total_time": ""}]], {"user":
{"id": "57", "firstname": "\u4eae\u4ecb", "lastname": "\u6b66\u4e95", "username": "apis04"}, "attempt":
{"finish": "", "start": "", "grade": 0, "attempt": 0, "totalobjects": 4}, "learningobjects":
[{"title": "\u8868\u7d19", "sco id": "606", "lesson_status": "notattempted", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "", "cmi.core.total_time": ""}, {"title": "1.
\u6982\u8981\u3068\u76ee\u6a19", "sco id": "607", "lesson_status": "notattempted", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "", "cmi.core.total_time": ""}, {"title": "2.
\u4e8b\u4f8b", "sco id": "608", "lesson_status": "notattempted", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "", "cmi.core.total_time": ""}, {"title": "3.
\u89e3\u7b54\u3068\u89e3\u8aac", "sco id": "609", "lesson_status": "notattempted", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "", "cmi.core.total_time": ""}]], {"user":
{"id": "58", "firstname": "\u6176\u4e00", "lastname": "\u585a\u672c", "username": "apis05"}, "attempt":
{"finish": "", "start": "", "grade": 0, "attempt": 0, "totalobjects": 4}, "learningobjects":
[{"title": "\u8868\u7d19", "sco id": "606", "lesson_status": "notattempted", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "", "cmi.core.total_time": ""}, {"title": "1.
\u6982\u8981\u3068\u76ee\u6a19", "sco id": "607", "lesson_status": "notattempted", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "", "cmi.core.total_time": ""}, {"title": "2.
\u4e8b\u4f8b", "sco id": "608", "lesson_status": "notattempted", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "", "cmi.core.total_time": ""}, {"title": "3.
\u89e3\u7b54\u3068\u89e3\u8aac", "sco id": "609", "lesson_status": "notattempted", "score": "\u672a\u53d7\u9a13", "cmi.core.exit": "", "cmi.core.lesson_status": "", "cmi.core.total_time": ""}]]], {"user":

```

```
{
  "id": "59",
  "firstname": "\u5c1a\u4eba",
  "lastname": "\u9234\u6728",
  "username": "apit01",
  "attempt": {
    "finish": "",
    "start": "",
    "grade": 0,
    "attempt": 0,
    "totalobjects": 4
  },
  "learningobjects": [
    {
      "title": "\u8868\u7d19",
      "scoid": "606",
      "lesson_status": "notattempted",
      "score": "\u672a\u5b8c\u5c3d",
      "cmi.core.exit": "",
      "cmi.core.lesson_status": "",
      "cmi.core.total_time": ""
    },
    {
      "title": "1. \u6982\u8981\u4e0e\u76ee\u6a21",
      "scoid": "607",
      "lesson_status": "notattempted",
      "score": "\u672a\u5b8c\u5c3d",
      "cmi.core.exit": "",
      "cmi.core.lesson_status": "",
      "cmi.core.total_time": ""
    },
    {
      "title": "2. \u4e8b\u4ef8",
      "scoid": "608",
      "lesson_status": "notattempted",
      "score": "\u672a\u5b8c\u5c3d",
      "cmi.core.exit": "",
      "cmi.core.lesson_status": "",
      "cmi.core.total_time": ""
    },
    {
      "title": "3. \u89e3\u7b54",
      "scoid": "609",
      "lesson_status": "notattempted",
      "score": "\u672a\u5b8c\u5c3d",
      "cmi.core.exit": "",
      "cmi.core.lesson_status": "",
      "cmi.core.total_time": ""
    }
  ]
}
```

## 出力例(JSONデータ)のデコード結果

```
[
  {
    "user": {
      "id": "54",
      "firstname": "祐太",
      "lastname": "隅田",
      "username": "apis01"
    },
    "attempt": {
      "start": "2023/10/12 17:31:28",
      "finish": "2023/10/12 17:32:56",
      "attempt": "1",
      "grade": 100,
      "totalobjects": 4
    },
    "learningobjects": [
      {
        "title": "表紙",
        "scoid": "606",
        "score": "完了",
        "cmi.core.exit": "",
        "cmi.core.lesson_status": "completed",
        "cmi.core.total_time": "00:00:00.00"
      },
      {
        "title": "1. 概要と目標",
        "scoid": "607",
        "score": "完了",
        "cmi.core.exit": "",
        "cmi.core.lesson_status": "completed",
        "cmi.core.total_time": "00:00:00.00"
      }
    ]
  }
]
```

```
        "title": "2. 事例",
        "scoid": "608",
        "score": 100,
        "cmi.core.exit": "",
        "cmi.core.lesson_status": "passed",
        "cmi.core.total_time": "00:00:46.00"
    },
    {
        "title": "3. 解答と解説",
        "scoid": "609",
        "score": "完了",
        "cmi.core.exit": "",
        "cmi.core.lesson_status": "completed",
        "cmi.core.total_time": "00:00:00.00"
    }
]
},
{
    "user": {
        "id": "55",
        "firstname": "栄作",
        "lastname": "大石",
        "username": "apis02"
    },
    "attempt": {
        "finish": "",
        "start": "",
        "grade": 0,
        "attempt": 0,
        "totalobjects": 4
    },
    "learningobjects": [
        {
            "title": "表紙",
            "scoid": "606",
            "lesson_status": "notattempted",
            "score": "未受験",
            "cmi.core.exit": "",
            "cmi.core.lesson_status": "",
            "cmi.core.total_time": ""
        },
        {
            "title": "1. 概要と目標",
            "scoid": "607",
            "lesson_status": "notattempted",
            "score": "未受験",
            "cmi.core.exit": "",
            "cmi.core.lesson_status": "",
            "cmi.core.total_time": ""
        },
        {
            "title": "2. 事例",
            "scoid": "608",
            "lesson_status": "notattempted",
```

```
        "score": "未受験",
        "cmi.core.exit": "",
        "cmi.core.lesson_status": "",
        "cmi.core.total_time": ""
    },
    {
        "title": "3. 解答と解説",
        "scoid": "609",
        "lesson_status": "notattempted",
        "score": "未受験",
        "cmi.core.exit": "",
        "cmi.core.lesson_status": "",
        "cmi.core.total_time": ""
    }
]
},
{
    "user": {
        "id": "56",
        "firstname": "勝弘",
        "lastname": "磯川",
        "username": "apis03"
    },
    "attempt": {
        "start": "2023/10/24 19:17:12",
        "finish": "2023/10/24 19:17:46",
        "attempt": "1",
        "grade": 0,
        "totalobjects": 4
    },
    "learningobjects": [
        {
            "title": "表紙",
            "scoid": "606",
            "score": "完了",
            "cmi.core.exit": "",
            "cmi.core.lesson_status": "completed",
            "cmi.core.total_time": "00:00:01.00"
        },
        {
            "title": "1. 概要と目標",
            "scoid": "607",
            "score": "完了",
            "cmi.core.exit": "",
            "cmi.core.lesson_status": "completed",
            "cmi.core.total_time": "00:00:00.00"
        },
        {
            "title": "2. 事例",
            "scoid": "608",
            "score": "未受験",
            "cmi.core.exit": "",
            "cmi.core.lesson_status": "not attempted",
            "cmi.core.total_time": ""
        }
    ]
}
```



```
    },
    {
      "title": "3. 解答と解説",
      "scoid": "609",
      "lesson_status": "notattempted",
      "score": "未受験",
      "cmi.core.exit": "",
      "cmi.core.lesson_status": "",
      "cmi.core.total_time": ""
    }
  ]
},
{
  "user": {
    "id": "57",
    "firstname": "亮介",
    "lastname": "武井",
    "username": "apis04"
  },
  "attempt": {
    "finish": "",
    "start": "",
    "grade": 0,
    "attempt": 0,
    "totalobjects": 4
  },
  "learningobjects": [
    {
      "title": "表紙",
      "scoid": "606",
      "lesson_status": "notattempted",
      "score": "未受験",
      "cmi.core.exit": "",
      "cmi.core.lesson_status": "",
      "cmi.core.total_time": ""
    },
    {
      "title": "1. 概要と目標",
      "scoid": "607",
      "lesson_status": "notattempted",
      "score": "未受験",
      "cmi.core.exit": "",
      "cmi.core.lesson_status": "",
      "cmi.core.total_time": ""
    },
    {
      "title": "2. 事例",
      "scoid": "608",
      "lesson_status": "notattempted",
      "score": "未受験",
      "cmi.core.exit": "",
      "cmi.core.lesson_status": "",
      "cmi.core.total_time": ""
    }
  ],
}
```

```
{
  "title": "3. 解答と解説",
  "scoid": "609",
  "lesson_status": "notattempted",
  "score": "未受験",
  "cmi.core.exit": "",
  "cmi.core.lesson_status": "",
  "cmi.core.total_time": ""
}
],
{
  "user": {
    "id": "58",
    "firstname": "慶一",
    "lastname": "塚本",
    "username": "apis05"
  },
  "attempt": {
    "finish": "",
    "start": "",
    "grade": 0,
    "attempt": 0,
    "totalobjects": 4
  },
  "learningobjects": [
    {
      "title": "表紙",
      "scoid": "606",
      "lesson_status": "notattempted",
      "score": "未受験",
      "cmi.core.exit": "",
      "cmi.core.lesson_status": "",
      "cmi.core.total_time": ""
    },
    {
      "title": "1. 概要と目標",
      "scoid": "607",
      "lesson_status": "notattempted",
      "score": "未受験",
      "cmi.core.exit": "",
      "cmi.core.lesson_status": "",
      "cmi.core.total_time": ""
    },
    {
      "title": "2. 事例",
      "scoid": "608",
      "lesson_status": "notattempted",
      "score": "未受験",
      "cmi.core.exit": "",
      "cmi.core.lesson_status": "",
      "cmi.core.total_time": ""
    }
  ],
  {
```

```
        "title": "3. 解答と解説",
        "scoid": "609",
        "lesson_status": "notattempted",
        "score": "未受験",
        "cmi.core.exit": "",
        "cmi.core.lesson_status": "",
        "cmi.core.total_time": ""
    }
]
},
{
    "user": {
        "id": "59",
        "firstname": "尚人",
        "lastname": "鈴木",
        "username": "apit01"
    },
    "attempt": {
        "finish": "",
        "start": "",
        "grade": 0,
        "attempt": 0,
        "totalobjects": 4
    },
    "learningobjects": [
        {
            "title": "表紙",
            "scoid": "606",
            "lesson_status": "notattempted",
            "score": "未受験",
            "cmi.core.exit": "",
            "cmi.core.lesson_status": "",
            "cmi.core.total_time": ""
        },
        {
            "title": "1. 概要と目標",
            "scoid": "607",
            "lesson_status": "notattempted",
            "score": "未受験",
            "cmi.core.exit": "",
            "cmi.core.lesson_status": "",
            "cmi.core.total_time": ""
        },
        {
            "title": "2. 事例",
            "scoid": "608",
            "lesson_status": "notattempted",
            "score": "未受験",
            "cmi.core.exit": "",
            "cmi.core.lesson_status": "",
            "cmi.core.total_time": ""
        },
        {
            "title": "3. 解答と解説",
```

```

        "scoid": "609",
        "lesson_status": "notattempted",
        "score": "未受験",
        "cmi.core.exit": "",
        "cmi.core.lesson_status": "",
        "cmi.core.total_time": ""
    }
  ]
}
]

```

## 活動完了レポートの取得

指定したコースの小テストとSCORMパッケージについて、APIを利用する機関のメンバーに限定した、活動完了の状況を記載したCSVデータおよびJSONデータで得られます。

### 出力例(CSVデータ)

姓,名,ユーザ名,長いコース名,コース省略名,自己診断テスト,学習教材,ふり返りテスト  
 隅田,祐太,apis01,倫倫姫の情報セキュリティ教室,rinrin\_security-ja,1,1,0  
 大石,栄作,apis02,倫倫姫の情報セキュリティ教室,rinrin\_security-ja,0,0,1  
 磯川,勝弘,apis03,倫倫姫の情報セキュリティ教室,rinrin\_security-ja,0,1,0  
 武井,亮介,apis04,倫倫姫の情報セキュリティ教室,rinrin\_security-ja,0,0,0  
 塚本,慶一,apis05,倫倫姫の情報セキュリティ教室,rinrin\_security-ja,0,0,0  
 鈴木,尚人,apit01,倫倫姫の情報セキュリティ教室,rinrin\_security-ja,0,0,0

### 出力例(JSONデータ)

```

[{"id":"54","firstname":"\u7950\u592a","lastname":"\u9685\u7530","username":"apis01","completions":
  [{"cmid":"168","cmname":"\u81ea\u5df1\u8a3a\u65ad\u30c6\u30b9\u30c8","completion":1,"completiondate":"2023/10/11 19:54:45"},
  {"cmid":"169","cmname":"\u5b66\u7fd2\u6559\u6750","completion":1,"completiondate":"2023/10/12 17:32:56"},
  {"cmid":"170","cmname":"\u3075\u308a\u8fd4\u308a\u30c6\u30b9\u30c8","completion":0,"completiondate":null}]],
{"id":"55","firstname":"\u6804\u4f5c","lastname":"\u5927\u77f3","username":"apis02","completions":
  [{"cmid":"168","cmname":"\u81ea\u5df1\u8a3a\u65ad\u30c6\u30b9\u30c8","completion":0,"completiondate":null},
  {"cmid":"169","cmname":"\u5b66\u7fd2\u6559\u6750","completion":0,"completiondate":null},
  {"cmid":"170","cmname":"\u3075\u308a\u8fd4\u308a\u30c6\u30b9\u30c8","completion":1,"completiondate":"2023/10/11 19:54:49"}]],
{"id":"56","firstname":"\u52dd\u5f18","lastname":"\u78ef\u5ddd","username":"apis03","completions":
  [{"cmid":"168","cmname":"\u81ea\u5df1\u8a3a\u65ad\u30c6\u30b9\u30c8","completion":0,"completiondate":null},
  {"cmid":"169","cmname":"\u5b66\u7fd2\u6559\u6750","completion":1,"completiondate":

```

```
"2023\10\11 19:54:55"},
{"cmid":"170","cmname":"\u3075\u308a\u8fd4\u308a\u30c6\u30b9\u30c8","completion":0,
,"completiondate":null}}],
{"id":"57","firstname":"\u4eae\u4ecb","lastname":"\u6b66\u4e95","username":"apis04",
,"completions":
[{"cmid":"168","cmname":"\u81ea\u5df1\u8a3a\u65ad\u30c6\u30b9\u30c8","completion":0,
,"completiondate":null},
{"cmid":"169","cmname":"\u5b66\u7fd2\u6559\u6750","completion":0,"completiondate":
null},
{"cmid":"170","cmname":"\u3075\u308a\u8fd4\u308a\u30c6\u30b9\u30c8","completion":0,
,"completiondate":null}}],
{"id":"58","firstname":"\u6176\u4e00","lastname":"\u585a\u672c","username":"apis05",
,"completions":
[{"cmid":"168","cmname":"\u81ea\u5df1\u8a3a\u65ad\u30c6\u30b9\u30c8","completion":0,
,"completiondate":null},
{"cmid":"169","cmname":"\u5b66\u7fd2\u6559\u6750","completion":0,"completiondate":
null},
{"cmid":"170","cmname":"\u3075\u308a\u8fd4\u308a\u30c6\u30b9\u30c8","completion":0,
,"completiondate":null}}],
{"id":"59","firstname":"\u5c1a\u4eba","lastname":"\u9234\u6728","username":"apit01",
,"completions":
[{"cmid":"168","cmname":"\u81ea\u5df1\u8a3a\u65ad\u30c6\u30b9\u30c8","completion":0,
,"completiondate":null},
{"cmid":"169","cmname":"\u5b66\u7fd2\u6559\u6750","completion":0,"completiondate":
null},
{"cmid":"170","cmname":"\u3075\u308a\u8fd4\u308a\u30c6\u30b9\u30c8","completion":0,
,"completiondate":null}}]]
```

## 出力例(JSONデータ)のデコード結果

```
[
  {
    "id": "54",
    "firstname": "祐太",
    "lastname": "隅田",
    "username": "apis01",
    "completions": [
      {
        "cmid": "168",
        "cmname": "自己診断テスト",
        "completion": 1,
        "completiondate": "2023/10/11 19:54:45"
      },
      {
        "cmid": "169",
        "cmname": "学習教材",
        "completion": 1,
        "completiondate": "2023/10/12 17:32:56"
      },
      {
        "cmid": "170",
```

```
        "cmname": "ふり返りテスト",
        "completion": 0,
        "completiondate": null
    }
]
},
{
    "id": "55",
    "firstname": "栄作",
    "lastname": "大石",
    "username": "apis02",
    "completions": [
        {
            "cmid": "168",
            "cmname": "自己診断テスト",
            "completion": 0,
            "completiondate": null
        },
        {
            "cmid": "169",
            "cmname": "学習教材",
            "completion": 0,
            "completiondate": null
        },
        {
            "cmid": "170",
            "cmname": "ふり返りテスト",
            "completion": 1,
            "completiondate": "2023/10/11 19:54:49"
        }
    ]
},
{
    "id": "56",
    "firstname": "勝弘",
    "lastname": "磯川",
    "username": "apis03",
    "completions": [
        {
            "cmid": "168",
            "cmname": "自己診断テスト",
            "completion": 0,
            "completiondate": null
        },
        {
            "cmid": "169",
            "cmname": "学習教材",
            "completion": 1,
            "completiondate": "2023/10/11 19:54:55"
        },
        {
            "cmid": "170",
            "cmname": "ふり返りテスト",
            "completion": 0,
```

```
        "completiondate": null
      }
    ]
  },
  {
    "id": "57",
    "firstname": "亮介",
    "lastname": "武井",
    "username": "apis04",
    "completions": [
      {
        "cmid": "168",
        "cmname": "自己診断テスト",
        "completion": 0,
        "completiondate": null
      },
      {
        "cmid": "169",
        "cmname": "学習教材",
        "completion": 0,
        "completiondate": null
      },
      {
        "cmid": "170",
        "cmname": "ふり返りテスト",
        "completion": 0,
        "completiondate": null
      }
    ]
  },
  {
    "id": "58",
    "firstname": "慶一",
    "lastname": "塚本",
    "username": "apis05",
    "completions": [
      {
        "cmid": "168",
        "cmname": "自己診断テスト",
        "completion": 0,
        "completiondate": null
      },
      {
        "cmid": "169",
        "cmname": "学習教材",
        "completion": 0,
        "completiondate": null
      },
      {
        "cmid": "170",
        "cmname": "ふり返りテスト",
        "completion": 0,
        "completiondate": null
      }
    ]
  }
}
```

```

    ]
  },
  {
    "id": "59",
    "firstname": "尚人",
    "lastname": "鈴木",
    "username": "apit01",
    "completions": [
      {
        "cmid": "168",
        "cmname": "自己診断テスト",
        "completion": 0,
        "completiondate": null
      },
      {
        "cmid": "169",
        "cmname": "学習教材",
        "completion": 0,
        "completiondate": null
      },
      {
        "cmid": "170",
        "cmname": "ふり返りテスト",
        "completion": 0,
        "completiondate": null
      }
    ]
  }
]

```

## コース完了レポートの取得

指定したコースの完了状況をCSVデータで得られます。

### 出力例(CSVデータ)

```

姓,名,ユーザ名,長いコース名,コース省略名,コース完了,完了日時
隅田,祐太,apis01,倫倫姫の情報セキュリティ教室,rinrin_security-
ja,completed,"2023/10/11 18:09:55"
大石,栄作,apis02,倫倫姫の情報セキュリティ教室,rinrin_security-ja,-,-
磯川,勝弘,apis03,倫倫姫の情報セキュリティ教室,rinrin_security-ja,-,-
武井,亮介,apis04,倫倫姫の情報セキュリティ教室,rinrin_security-ja,-,-
塚本,慶一,apis05,倫倫姫の情報セキュリティ教室,rinrin_security-ja,-,-
鈴木,尚人,apit01,倫倫姫の情報セキュリティ教室,rinrin_security-ja,-,-

```

## コースバッジ授与状況の取得

指定したバッジの授与状況をCSVデータで得られます。どのようなバッジがあるかは「コース情報の取得」APIを利用して情報を得ることができます。



## 出力例(CSVデータ)

```

姓,名,ユーザ名,名称,発効日
隅田,祐太,apis01,合格バッジ,"2023/10/11 10:28:09"
大石,崇作,apis02,-,-
磯川,勝弘,apis03,合格バッジ,"2023/10/24 18:16:42"
武井,亮介,apis04,-,-
塚本,慶一,apis05,-,-
鈴木,尚人,apit01,-,-
川越,洋,apit02,-,-

```

## コース情報の取得

本APIで利用可能なコースについて、コースのid、長いコース名、コース省略名、コース完了の取得の可否、提供されているバッジのリストをJSONデータで得られます。

## 出力例(JSONデータ)

```

[{"courseid": "56", "coursefullname": "\u4f26\u4f26\u516c\u4e3b\u7684\u4fe1\u606f\u5b89\u5168\u6559\u5ba4", "courseshortname": "rinrin_security-cn", "completiontracking": "0", "coursecompletionavailable": "0", "badges": []}, {"courseid": "55", "coursefullname": "Princess Rinrin's information security column", "courseshortname": "rinrin_security-en", "completiontracking": "1", "coursecompletionavailable": "0", "badges": []}, {"courseid": "52", "coursefullname": "\u502b\u502b\u59eb\u306e\u60c5\u5831\u30bb\u30ad\u30ea\u30c6\u30a3\u6559\u5ba4", "courseshortname": "rinrin_security-ja", "completiontracking": "1", "coursecompletionavailable": "1", "badges": {"25": {"badgeid": "25", "badgename": "\u30a6\u30a7\u30eb\u30ab\u30e0\u30d0\u30c3\u30b8", "description": "\u30b3\u30fc\u30b9\u306e\u6700\u521d\u306e\u8ab2\u984c\u3092\u63d0\u51fa\u3057\u307e\u305f"}, "26": {"badgeid": "26", "badgename": "\u5408\u683c\u30d0\u30c3\u30b8", "description": "\u512a\u79c0\u306a\u6210\u7e3e\u3067\u3059\u3079\u3066\u306e\u8ab2\u984c\u3092\u30af\u30ea\u30a2\u3057\u307e\u305f"}}}]

```

## 出力例(JSONデータ)のデコード結果

```

[
  {
    "courseid": "56",
    "coursefullname": "伦伦公主的信息安全教室",
    "courseshortname": "rinrin_security-cn",
    "completiontracking": "0",
    "coursecompletionavailable": "0",
    "badges": []
  },
  {
    "courseid": "55",

```

```
"coursefullname": "Princess Rinrin's information security column",
"courseshortname": "rinrin_security-en",
"completiontracking": "1",
"coursecompletionavailable": "0",
"badges": []
},
{
  "courseid": "52",
  "coursefullname": "倫倫姫の情報セキュリティ教室",
  "courseshortname": "rinrin_security-ja",
  "completiontracking": "1",
  "coursecompletionavailable": "1",
  "badges": {
    "25": {
      "badgeid": "25",
      "badgename": "ウェルカムバッジ",
      "description": "コースの最初の課題を提出しました"
    },
    "26": {
      "badgeid": "26",
      "badgename": "合格バッジ",
      "description": "優秀な成績ですべての課題をクリアしました"
    }
  }
}
]
```

以上