

SwiftCase API Documentation

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Introduction

This document details the API features available in the SwiftCase API.

The data returned will be provided as JSON or XML, depending on the extension added to the end of the request, e.g. request_url.json or request_url.xml. Any errors will be returned with an error code, and a corresponding error message.

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Request the available workflows

GET `https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/workflows(.json/.xml)`

Data Options

API_KEY	API key	Required
---------	---------	----------

JSON Response

```
{
  "workflow_types": [
    {
      "id": 5,
      "name": "Product/Service 1"
    },
    {
      "id": 70,
      "name": "Product/Service 2"
    },
    {
      "id": x,
      "name": "....."
    }
  ]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<workflowTypeCollection>
  <workflowType>
    <id>5</id>
    <name>Product/Service 1</name>
  </workflowType>
  <workflowType>
    <id>70</id>
    <name>Product/Service 2</name>
  </workflowType>
  <workflowType>
    <id>x</id>
    <name>.....</name>
  </workflowType>
</workflowTypeCollection>
```

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Request the available questions for a workflow

GET
https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/workflow/{WORKFLOW_TYPE_ID}(.json/.xml)

Data Options

API_KEY	API key	Required
WORKFLOW_TYPE_ID	Identifier for workflow type	Required

JSON Response

```
{
  "workflow_questions": [
    {
      "id": 6,
      "name": "Internal Reference",
      "question_key": "internal_reference"
    },
    {
      "id": 9,
      "name": "Principal Reference",
      "question_key": "principal_reference"
    },
    {
      "id": x,
      "name": ".....",
      "question_key": "....."
    }
  ]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<workflowQuestionCollection>
  <workflowQuestion>
    <id>6</id>
    <name>Internal Reference</name>
  </workflowQuestion>
  <question_key>internal_reference</question_key>
  </workflowQuestion>
  <workflowQuestion>
    <id>9</id>
    <name>Question Name</name>
    <question_key>question_key</question_key>
  </workflowQuestion>
  <workflowQuestion>
    <id>x</id>
    <name>Xxxx Xxxx</name>
    <question_key>xxxx_xxxx</question_key>
  </workflowQuestion>
</workflowQuestionCollection>
```

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Request the statuses of a workflow

GET
https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/workflow/{WORKFLOW_TYPE_ID}/statuses(.json/.xml)

Data Options

API_KEY	API key	Required
WORKFLOW_TYPE_ID	Identifier for workflow type	Required

JSON Response

```
{
  "task_statuses": [
    {
      "id": 1,
      "status": "{STATUS_NAME}"
    },
    {
      "id": x,
      "name": "....."
    }
  ]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<taskStatusCollection>
  <taskStatuses>
    <id>1</id>
    <name>{STATUS_NAME}</name>
  </taskStatuses>
  <taskStatuses>
    <id>x</id>
    <name>Xxxx Xxxx</name>
  </taskStatuses>
</taskStatusCollection>
```

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Request the task Ids of a workflow

GET
https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/status/{WORKFLOW_STATUS_ID}(.json/.xml)

Data Options

API_KEY	API key	Required
WORKFLOW_STATUS_ID	Identifier for workflow status	Required

JSON Response

```
{
  "task_ids": [
    {
      "id": 1,
    },
    {
      "id": x
    }
  ]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<taskIdCollection>
  <taskIds>
    <id>1</id>
  </taskIds>
  <taskIds>
    <id>x</id>
  </taskIds>
</taskIdCollection>
```

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Request client staff

GET
https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/get-client-staff(.json/.xml)

Data Options

API_KEY	API key	Required
---------	---------	----------

JSON Response

```
{
  "users": [
    {
      "id": {CLIENT_STAFF_ID},
      "name": "{CLIENT_NAME}",
      "email": "{CLIENT_EMAIL}",
      "username": "{CLIENT_USERNAME}",
    }
  ]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<result>
  <workflowType>
    <id>{CLIENT_STAFF_ID}</id>
    <name>{CLIENT_NAME}</name>
    <email>{CLIENT_EMAIL}</email>
    <username>{CLIENT_USERNAME}</username>
  </workflowType>
</result>
```

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Create a new task

POST `https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/task(.json/.xml)`

If creating a task from a webhook, you can pass the `WORKFLOW_TYPE_ID` in the URL instead of the request data:

POST
`https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/workflow/{WORKFLOW_TYPE_ID}/task(.json/.xml)`

Data Options

API_KEY	API key	Required
---------	---------	----------

Get `WORKFLOW_TYPE_ID` from the get available workflows request, as detailed above.

Get `QUESTION_KEYS` from the get available workflow questions

JSON Request

```
{
  "workflow_type_id": { WORKFLOW_TYPE_ID },
  "data": [
    { "name": "{FIRST_QUESTION_KEY}", "value": "{FIRST_QUESTION_VALUE}" },
    { "name": "{SECOND_QUESTION_KEY}", "value": "{SECOND_QUESTION_VALUE}" },
    { "name": "{NEXT_QUESTION_KEY}", "value": "{NEXT_QUESTION_VALUE}" },
    {.....}
  ]
}
```

XML Request

```
<?xml version="1.0" encoding="UTF-8"?>
<request>
  <workflow_type_id>{WORKFLOW_TYPE_ID}</workflow_type_id>
  <data>
    <item name="{FIRST_QUESTION_KEY}">{FIRST_QUESTION_VALUE}</item>
    <item name="{SECOND_QUESTION_KEY}">{SECOND_QUESTION_VALUE}</item>
    <item name="{NEXT_QUESTION_KEY}">{NEXT_QUESTION_VALUE}</item>
    <.....>
  </data>
</request>
```

JSON Response

```
{
  "id": {TASK_ID},
  "data": [
    {
      "name": "{FIRST_QUESTION_KEY}",
      "value": "{FIRST_QUESTION_VALUE}"
    },
  ],
}
```


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```
{
  "name": "{SECOND_QUESTION_KEY}",
  "value": "{SECOND_QUESTION_VALUE}"
},
{
  "name": "{NEXT_QUESTION_KEY}",
  "value": "{NEXT_QUESTION_VALUE}"
},
{
  .....
},
{
  "name": "internal_reference",
  "value": "18-700098"
}
],
"fees": {
  "net": {FEE_NET},
  "vat": {FEE_VAT},
  "gross": {FEE_GROSS}
},
"status": {
  "status": "{STATUS_NAME}"
},
"taskUsers": [
  {
    "user": {
      "id": "{CLIENT_ID}",
      "name": "{CLIENT_NAME}"
    },
    "relationship": "Client"
  },
  {
    "user": {
      "id": "{CLIENT_STAFF_ID}",
      "name": "{CLIENT_STAFF_NAME}"
    },
    "relationship": "Client staff"
  },
  {
    "user": {
      "id": "{INTERNAL_USER_ID}",
      "name": "{INTERNAL_USER_NAME}"
    },
    "relationship": "Owner"
  }
]
}
```

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XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<task>
  <id>{TASK_ID}</id>
  <data>
    <item name="{FIRST_QUESTION_KEY}">{FIRST_QUESTION_KEY}</item>
    <item name="{SECOND_QUESTION_KEY}">{SECOND_QUESTION_VALUE}</item>
    <item name="{NEXT_QUESTION_KEY}">{NEXT_QUESTION_VALUE}</item>
    <item name=".....">.....</item>
  </data>
  <fees>
    <net>{FEE_NET}</net>
    <vat>{FEE_VAT}</vat>
    <gross>{FEE_GROSS}</gross>
  </fees>
  <status>
    <status>{STATUS_NAME}</status>
  </status>
  <taskUsers>
    <taskUser>
      <user>
        <id>{CLIENT_ID}</id>
        <name>{CLIENT_NAME}</name>
      </user>
      <relationship>Client</relationship>
    </taskUser>
    <taskUser>
      <user>
        <id>{CLIENT_STAFF_ID}</id>
        <name>{CLIENT_STAFF_NAME}</name>
      </user>
      <relationship>Client staff</relationship>
    </taskUser>
    <taskUser>
      <user>
        <id>{INTERNAL_USER_ID}</id>
        <name>{INTERNAL_USER_NAME}</name>
      </user>
      <relationship>Owner</relationship>
    </taskUser>
  </taskUsers>
  <isTaskOnHold>{IS_TASK_ON_HOLD}</isTaskOnHold>
</task>
```

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Update task answers

PUT https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/task/{TASK_ID} (.json/.xml)

Data Options

API_KEY	API key	Required
TASK_ID	Identifier of your SwiftCase task	Required

Get QUESTION_KEYS from the get available workflow questions

Get CLIENT_STAFF_ID from the get client staff request. This is optional if changing that client staff of a task.

JSON Request

```
{
  "data": [
    { "name": "{FIRST_QUESTION_KEY}", "value": "{FIRST_QUESTION_VALUE}" },
    { "name": "{SECOND_QUESTION_KEY}", "value": "{SECOND_QUESTION_VALUE}" },
    { "name": "{NEXT_QUESTION_KEY}", "value": "{NEXT_QUESTION_VALUE}" },
    {.....}
  ],
  "client_staff_id": {CLIENT_STAFF_ID},
}
```

XML Request

```
<?xml version="1.0" encoding="UTF-8"?>
<request>
  <data>
    <item name="{FIRST_QUESTION_KEY}">{FIRST_QUESTION_VALUE}</item>
    <item name="{SECOND_QUESTION_KEY}">{SECOND_QUESTION_VALUE}</item>
    <item name="{NEXT_QUESTION_KEY}">{NEXT_QUESTION_VALUE}</item>
    <.....>
  </data>
  <client_staff_id>{CLIENT_STAFF_ID}</client_staff_id>
</request>
```

JSON Response

```
{
  "id": {TASK_ID},
  "data": [
    {
      "name": "{FIRST_QUESTION_KEY}",
      "value": "{FIRST_QUESTION_VALUE}"
    },
    {
      "name": "{SECOND_QUESTION_KEY}",
      "value": "{SECOND_QUESTION_VALUE}"
    },
  ]
}
```

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```
    "name": "{NEXT_QUESTION_KEY}",
    "value": "{NEXT_QUESTION_VALUE}"
  },
  {
    .....
  },
  {
    "name": "internal_reference",
    "value": "18-700098"
  }
],

"fees": {
  "net": {FEE_NET},
  "vat": {FEE_VAT},
  "gross": {FEE_GROSS}
},
"status": {
  "status": "{STATUS_NAME}"
},
"taskUsers": [
  {
    "user": {
      "id": "{CLIENT_ID}",
      "name": "{CLIENT_NAME}"
    },
    "relationship": "Client"
  },
  {
    "user": {
      "id": "{CLIENT_STAFF_ID}",
      "name": "{CLIENT_STAFF_NAME}"
    },
    "relationship": "Client staff"
  },
  {
    "user": {
      "id": "{INTERNAL_USER_ID}",
      "name": "{INTERNAL_USER_NAME}"
    },
    "relationship": "Owner"
  }
]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<task>
  <id>{TASK_ID}</id>
  <data>
    <item name="{FIRST_QUESTION_KEY}">{FIRST_QUESTION_KEY}</item>
```

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```
<item name="{SECOND_QUESTION_KEY}">{SECOND_QUESTION_VALUE}</item>
<item name="{NEXT_QUESTION_KEY}">{NEXT_QUESTION_VALUE}</item>
<item name=".....">.....</item>
</data>
<fees>
  <net>{FEE_NET}</net>
  <vat>{FEE_VAT}</vat>
  <gross>{FEE_GROSS}</gross>
</fees>
<status>
  <status>{STATUS_NAME}</status>
</status>
<taskUsers>
  <taskUser>
    <user>
      <id>{CLIENT_ID}</id>
      <name>{CLIENT_NAME}</name>
    </user>
    <relationship>Client</relationship>
  </taskUser>
  <taskUser>
    <user>
      <id>{CLIENT_STAFF_ID}</id>
      <name>{CLIENT_STAFF_NAME}</name>
    </user>
    <relationship>Client staff</relationship>
  </taskUser>
  <taskUser>
    <user>
      <id>{INTERNAL_USER_ID}</id>
      <name>{INTERNAL_USER_NAME}</name>
    </user>
    <relationship>Owner</relationship>
  </taskUser>
</taskUsers>
</task>
```

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Request the current status of a task

GET
https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/task/{TASK_ID}/status(.json/.xml)

Data Options

APIKEY	API key	Required
TASK_ID	Identifier of your SwiftCase task	Required

JSON Response

```
{  
  "status": "Completed"  
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>  
<taskStatus>  
  <status>Completed</status>  
</taskStatus>
```

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Change the status of a task

PUT
https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/task/status/{TASK_ID}/{STATUS_ID} (.json/.xml)

Data Options

API_KEY	API key	Required
TASK_ID	Identifier of your SwiftCase task	Required
STATUS_ID	Identifier of the task status to change to	Required

Get STATUS_ID from the get workflow statuses request

JSON Response

```
{
  "id": {TASK_ID},
  "data": [
    {
      "name": "{FIRST_QUESTION_KEY}",
      "value": "{FIRST_QUESTION_VALUE}"
    },
    {
      "name": "{SECOND_QUESTION_KEY}",
      "value": "{SECOND_QUESTION_VALUE}"
    },
    {
      "name": "{NEXT_QUESTION_KEY}",
      "value": "{NEXT_QUESTION_VALUE}"
    },
    {
      .....
    },
    {
      "name": "internal_reference",
      "value": "18-700098"
    }
  ],
  "fees": {
    "net": {FEE_NET},
    "vat": {FEE_VAT},
    "gross": {FEE_GROSS}
  },
  "status": {
    "status": "{STATUS_NAME}"
  },
  "taskUsers": [
    {
```

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```
    "user": {
      "id": "{CLIENT_ID}",
      "name": "{CLIENT_NAME}"
    },
    "relationship": "Client"
  },
  {
    "user": {
      "id": "{CLIENT_STAFF_ID}",
      "name": "{CLIENT_STAFF_NAME}"
    },
    "relationship": "Client staff"
  },
  {
    "user": {
      "id": "{INTERNAL_USER_ID}",
      "name": "{INTERNAL_USER_NAME}"
    },
    "relationship": "Owner"
  }
]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<task>
  <id>{TASK_ID}</id>
  <data>
    <item name="{FIRST_QUESTION_KEY}">{FIRST_QUESTION_KEY}</item>
    <item name="{SECOND_QUESTION_KEY}">{SECOND_QUESTION_VALUE}</item>
    <item name="{NEXT_QUESTION_KEY}">{NEXT_QUESTION_VALUE}</item>
    <item name=".....">.....</item>
  </data>
  <fees>
    <net>{FEE_NET}</net>
    <vat>{FEE_VAT}</vat>
    <gross>{FEE_GROSS}</gross>
  </fees>
  <status>
    <status>{STATUS_NAME}</status>
  </status>
  <taskUsers>
    <taskUser>
      <user>
        <id>{CLIENT_ID}</id>
        <name>{CLIENT_NAME}</name>
      </user>
      <relationship>Client</relationship>
    </taskUser>
    <taskUser>
      <user>
```


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```
<id>{CLIENT_STAFF_ID}</id>
<name>{CLIENT_STAFF_NAME}</name>
</user>
<relationship>Client staff</relationship>
</taskUser>
<taskUser>
  <user>
    <id>{INTERNAL_USER_ID}</id>
    <name>{INTERNAL_USER_NAME}</name>
  </user>
  <relationship>Owner</relationship>
</taskUser>
</taskUsers>
</task>
```

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Request list of files available for task

GET
https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/task/{TASK_ID}/files(.json/.xml)

Data Options

APIKEY	API key	Required
TASK_ID	Identifier of your SwiftCase task	Required

JSON Response

```
{
  "files": [
    {
      "id": 3426441,
      "name": "DSC08428.JPG",
      "type": "image/jpeg"
    },
    {
      "id": 3426606,
      "name": "17-581905-Report.pdf",
      "type": "application/pdf"
    }
  ]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<fileCollection>
  <file>
    <id>3426441</id>
    <name>DSC08428.JPG</name>
    <type>image/jpeg</type>
  </file>
  <file>
    <id>3426606</id>
    <name>17-581905-Vehicle-Report.pdf</name>
    <type>application/pdf</type>
  </file>
</fileCollection>
```

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Request a specific file

GET `https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/file/{FILE_ID}(.json/.xml)`

Data Options

API_KEY	API key	Required
FILE_ID	Identifier of the file resource	Required

The FILE_ID should be retrieved from the request for the list of files available for task

JSON Response

```
{
  "id": 3426441,
  "name": "DSC08428.JPG",
  "type": "image/jpeg",
  "data": "/9j/4AAQSkZJRgABAQEgBXgFeAAD....."
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<file>
  <id>3426441</id>
  <name>DSC08428.JPG</name>
  <type>image/jpeg</type>
  <data>/9j/4AAQSkZJRgABAQEgBXgFeAAD.....</data>
</file>
```

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Request details of a task

GET https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/task/{TASK_ID} (.json/.xml)

Data Options

API_KEY	API key	Required
TASK_ID	Identifier of your SwiftCase task	Required

JSON Response

```
{
  "id": {TASK_ID},
  "data": [
    {
      "name": "{FIRST_QUESTION_KEY}",
      "value": "{FIRST_QUESTION_VALUE}"
    },
    {
      "name": "{SECOND_QUESTION_KEY}",
      "value": "{SECOND_QUESTION_VALUE}"
    },
    {
      "name": "{NEXT_QUESTION_KEY}",
      "value": "{NEXT_QUESTION_VALUE}"
    },
    {
      .....
    },
    {
      "name": "internal_reference",
      "value": "18-700098"
    }
  ],
  "fees": {
    "net": {FEE_NET},
    "vat": {FEE_VAT},
    "gross": {FEE_GROSS}
  },
  "status": {
    "status": "{STATUS_NAME}"
  },
  "taskUsers": [
    {
      "user": {
        "id": "{CLIENT_ID}",
        "name": "{CLIENT_NAME}"
      }
    }
  ]
}
```

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```
    },
    "relationship": "Client"
  },
  {
    "user": {
      "id": "{CLIENT_STAFF_ID}",
      "name": "{CLIENT_STAFF_NAME}"
    },
    "relationship": "Client staff"
  },
  {
    "user": {
      "id": "{INTERNAL_USER_ID}",
      "name": "{INTERNAL_USER_NAME}"
    },
    "relationship": "Owner"
  }
]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<task>
  <id>{TASK_ID}</id>
  <data>
    <item name="{FIRST_QUESTION_KEY}">{FIRST_QUESTION_KEY}</item>
    <item name="{SECOND_QUESTION_KEY}">{SECOND_QUESTION_VALUE}</item>
    <item name="{NEXT_QUESTION_KEY}">{NEXT_QUESTION_VALUE}</item>
    <item name=".....">.....</item>
  </data>
  <fees>
    <net>{FEE_NET}</net>
    <vat>{FEE_VAT}</vat>
    <gross>{FEE_GROSS}</gross>
  </fees>
  <status>
    <status>{STATUS_NAME}</status>
  </status>
  <taskUsers>
    <taskUser>
      <user>
        <id>{CLIENT_ID}</id>
        <name>{CLIENT_NAME}</name>
      </user>
      <relationship>Client</relationship>
    </taskUser>
    <taskUser>
      <user>
        <id>{CLIENT_STAFF_ID}</id>
        <name>{CLIENT_STAFF_NAME}</name>
      </user>
    </taskUser>
  </taskUsers>

```

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```
<relationship>Client staff</relationship>
</taskUser>
<taskUser>
  <user>
    <id>{INTERNAL_USER_ID}</id>
    <name>{INTERNAL_USER_NAME}</name>
  </user>
  <relationship>Owner</relationship>
</taskUser>
</taskUsers>
</task>
```

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Request availability for resources

NOTE: Please contact Livepoint to the enable Resource Allocation feature

GET
https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/task/{TASK_ID}/availability/{DATE_FROM}/{NUMBER_OF_RESULTS} (.json/.xml)

Data Options

API_KEY	API key	Required
TASK_ID	Identifier of your SwiftCase task	Required
DATE_FROM	Date from which to search for availability (yyyy-mm-dd)	Required
NUMBER_OF_RESULTS	Number of results per request (max. 15)	Required

JSON Response

```
{
  "id": {ALLOCATION_ID},
  "resource_availability": [
    {
      "date": "2018-05-16"
    },
    {
      "date": "2018-05-17"
    },
    {
      "date": "....."
    }
  ]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<resourceAvailability>
  <id>{ALLOCATION_ID}</id>
  <availability>
    <date>2018-05-16</date>
  </availability>
  <availability>
    <date>2018-05-17</date>
  </availability>
  <availability>
    <date>.....</date>
  </availability>
</resourceAvailability>
```

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Create a new resource allocation

NOTE: Please contact Livepoint to the enable Resource Allocation feature

POST `https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/task/{TASK_ID}/allocate-resource(.json/.xml)`

Data Options

API_KEY	API key	Required
TASK_ID	Identifier of your SwiftCase task	Required
ALLOCATION_ID	Identifier of the allocation set	Required
DATE_REQUESTED	Date requested for allocation from allocation set	Required

The ALLOCATION_ID should be retrieved from the request for availability of resources

JSON Request

```
{
  "id": {ALLOCATION_ID},
  "resource_availability": [
    {
      "date": "{DATE_REQUESTED}"
    }
  ]
}
```

XML Request

```
<?xml version="1.0" encoding="UTF-8"?>
<resourceAvailability>
  <id>{ALLOCATION_ID}</id>
  <availability>
    <date>{DATE_REQUESTED}</date>
  </availability>
</resourceAvailability>
```

Response

HTTP 201 Created

SwiftCase API Documentation

By Livepoint Software Solutions

Upload a file to a task

POST `https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/task/{TASK_ID}/file(.json/.xml)`

Data Options

API_KEY	API key	Required
TASK_ID	Identifier of your SwiftCase task	Required
FILE_NAME	Name of the file (plus filetype e.g. .jpeg)	Required
MIME_FILE_TYPE	Mime type of the file	Required
BASE64_ENCODED_FILE_CONTENTS	Base64 encoded string of file contents	Required

JSON Request

```
{  
  "name": "{FILE_NAME}",  
  "type": "{MIME_FILE_TYPE}",  
  "data": "{BASE64_ENCODED_FILE_CONTENTS}"  
}
```

XML Request

```
<?xml version="1.0" encoding="UTF-8"?>  
<file>  
  <name>{FILE_NAME}</name>  
  <type>{MIME_FILE_TYPE}</type>  
  <data>{BASE64_ENCODED_FILE_CONTENTS}</data>  
</file>
```

Response

HTTP 201 Created

SwiftCase API Documentation

By Livepoint Software Solutions

Request question ids of task questions by their question keys

GET
https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/questions?question_key={QUESTION_KEY} (.json/.xml)

Data Options

API_KEY	API key	Required
---------	---------	----------

Multiple question keys can be added to the query parameters e.g:

https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/question?question_key=internal_reference

JSON Response

```
{
  "workflow_questions": [
    {
      "id": 6,
      "name": "Internal Reference",
      "question_key": "internal_reference"
    }
  ]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<workflowQuestionCollection>
  <workflowQuestion>
    <id>6</id>
    <name>Internal Reference</name>
    <question_key>internal_reference</question_key>
  </workflowQuestion>
</workflowQuestionCollection>
```

SwiftCase API Documentation

By Livepoint Software Solutions

Request the task Ids related to specific questions and answers and (optional) workflow Id

GET
`https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/task/answers?workflowId={WORKFLOW_ID}&{QUESTION_ID}={QUESTION_ANSWER}(.json/.xml)`

Data Options

API_KEY	API key	Required
---------	---------	----------

Multiple questions and answers can be added to the query parameters e.g:

`https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/task/answers?workflowId=123&46=John&47=Smith&307=johnsmith@swiftcase.co.uk`

Workflow Id is optional and tasks from all workflows can be filtered e.g.

`https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/task/answers?46=John&47=Smith&307=johnsmith@swiftcase.co.uk`

JSON Response

```
{
  "task_ids": [
    {
      "id": 1,
    },
    {
      "id": x
    }
  ]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<taskIdCollection>
  <taskIds>
    <id>1</id>
  </taskIds>
  <taskIds>
    <id>x</id>
  </taskIds>
</taskIdCollection>
```

SwiftCase API Documentation

By Livepoint Software Solutions

Request user types

GET `https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/userTypes(.json/.xml)`

Data Options

API_KEY	API key	Required
---------	---------	----------

JSON Response

```
{
  "user_types": [
    {
      "id": {USER_TYPE_ID},
      "label": "{USER_TYPE_LABEL}",
    }
  ]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<userTypeCollection>
  <userType>
    <id>{USER_TYPE_ID}</id>
    <label>{USER_TYPE_LABEL}</label>
  </userType>
</userTypeCollection>
```

SwiftCase API Documentation

By Livepoint Software Solutions

Request user roles

GET `https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/roles(.json/.xml)`

Data Options

API_KEY	API key	Required
---------	---------	----------

JSON Response

```
{
  "roles": [
    {
      "id": {ROLE_ID},
      "key": "{ROLE_KEY}",
      "name": "{ROLE_NAME}",
    }
  ]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<roleCollection>
  <roles>
    <id>{ROLE_ID}</id>
    <key>{ROLE_KEY}</key>
    <name>{ROLE_NAME}</name>
  </roles>
</roleCollection>
```

SwiftCase API Documentation

By Livepoint Software Solutions

Create a user

POST [https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/users\(.json/.xml\)](https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/users(.json/.xml))

Data Options

API_KEY	API key	Required
USER_TYPE_ID	User Type Id	Required
ROLE_KEY	Role Key	Required
FIRST_NAME	First Name	Required
LAST_NAME	Last Name	Required
EMAIL	Email address	Required

JSON Request

```
{
  "userType": {USER_TYPE_ID},
  "roles" : [
    {
      "key" : "{FIRST_ROLE_KEY}"
    },
    {
      "key" : "{SECOND_ROLE_KEY}"
    },
    {...}
  ],
  "firstName": "{FIRST_NAME}",
  "lastName": "{LAST_NAME}",
  "clientName": "{CLIENT_NAME}",
  "email": "{EMAIL}",
  "mobile": "{MOBILE_PHONE}",
  "profileQuestions" : [
    {
      "name" : "{FIRST_QUESTION_KEY}",
      "value": "{FIRST_QUESTION_VALUE}"
    },
    {
      "name" : "{SECOND_QUESTION_KEY}",
      "value": "{SECOND_QUESTION_VALUE}"
    },
    {...}
  ],
  "files" : [
    {
      "name": "{FILE_NAME}",
      "type": "{MIME_FILE_TYPE}",
      "data": "{BASE64_ENCODED_FILE_CONTENTS}"
    },
    {

```

SwiftCase API Documentation

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```
        "name": "{SECOND_FILE_NAME}",
        "type": "{SECOND_MIME_FILE_TYPE}",
        "data": "{SECOND_BASE64_ENCODED_FILE_CONTENTS}"
    },
    {...}
],
"parentUser": {PARENT_USER_ID},
"apiPermissions": [
    {
        "key": "{FIRST_PERMISSION_KEY}"
    },
    {
        "key": "{SECOND_PERMISSION_KEY}"
    },
    {...}
],
}
```

XML Request

```
<?xml version="1.0" encoding="UTF-8"?>
<request>
  <roles>
    <key> {FIRST_ROLE_KEY}</key>
    <key> {SECOND_ROLE_KEY}</key>
    <.....>
  </roles>
  <profileQuestions>
    <item name="{FIRST_QUESTION_KEY}">{FIRST_QUESTION_VALUE}</item>
    <item name="{SECOND_QUESTION_KEY}">{SECOND_QUESTION_VALUE}</item>
    <item name="{NEXT_QUESTION_KEY}">{NEXT_QUESTION_VALUE}</item>
    <.....>
  </profileQuestions>
  <userType>{USER_TYPE_ID}</userType>
  <firstName>"{FIRST_NAME}"</firstName>
  <lastName>"{LAST_NAME}"</lastName>
  <clientName>"{CLIENT_NAME}"</clientName>
  <email>"{EMAIL}"</email>
  <mobile>"{MOBILE_PHONE}"</mobile>
  <parentUser>{PARENT_USER_ID}</parentUser>
  <files>
    <name>"{FILE_NAME}"</name>
    <type>{MIME_FILE_TYPE}</type>
    <data>{BASE64_ENCODED_FILE_CONTENTS}</data>
    <name>"{SECOND_FILE_NAME}"</name>
    <type>{SECOND_MIME_FILE_TYPE}</type>
    <data>{SECOND_BASE64_ENCODED_FILE_CONTENTS}</data>
  </files>
</request>
```

SwiftCase API Documentation

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JSON Response

```
{
  "user": [
    "id": {USER_ID},
    "api_key": {API_KEY},
    "userType": {USER_TYPE_ID},
    "roles" : [
      {
        "key" : "{FIRST_ROLE_KEY}"
      },
      {
        "key" : "{SECOND_ROLE_KEY}"
      },
      {...}
    ],
    "email": "{EMAIL}",
    "name": "{NAME}",
    "parentUser": "{PARENT_USER_ID}",
    "username": "{USERNAME}",
    "profileQuestions" : [
      {
        "name" : "{FIRST_QUESTION_KEY}",
        "value": "{FIRST_QUESTION_VALUE}"
      },
      {
        "name" : "{SECOND_QUESTION_KEY}",
        "value": "{SECOND_QUESTION_VALUE}"
      },
      {...}
    ],
    "files" : [
      {
        "name": "{FILE_NAME}",
        "type": "{MIME_FILE_TYPE}",
      },
      {
        "name": "{SECOND_FILE_NAME}",
        "type": "{SECOND_MIME_FILE_TYPE}",
      },
      {...}
    ],
  ]
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<user>
```

```
  <id>{USER_ID}</id>
```


SwiftCase API Documentation

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```
<id>{API_KEY}</id>
<roles>
  <key> {FIRST_ROLE_KEY}</key>
  <key> {SECOND_ROLE_KEY}</key>
  <.....>
</roles>
<profileQuestions>
  <item name="{FIRST_QUESTION_KEY}">{FIRST_QUESTION_VALUE}</item>
  <item name="{SECOND_QUESTION_KEY}">{SECOND_QUESTION_VALUE}</item>
  <item name="{NEXT_QUESTION_KEY}">{NEXT_QUESTION_VALUE}</item>
  <.....>
</profileQuestions>
<userType>{USER_TYPE_ID}</userType>
<name>{CLIENT_NAME}</name>
<email>{EMAIL}</email>
<parentUser>{PARENT_USER_ID}</parentUser>
<username>{USERNAME}</username>
<files>
  <name>{FILE_NAME}</name>
  <type>{MIME_FILE_TYPE}</type>
  <name>{SECOND_FILE_NAME}</name>
  <type>{SECOND_MIME_FILE_TYPE}</type>
</files>
</user>
```

SwiftCase API Documentation

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Request details of tasks by workflow id

GET
`https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/tasks/{WORKFLOW_ID}(.json/.xml)`

Data Options

API_KEY	API key	Required
WORKFLOW_ID	Identifier of the workflow	Required

Options can be added to the query parameters e.g:

`https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/tasks/{WORKFLOW_ID}?archived=1&completed=0&setMaxResults=100`

The endpoint without any optional parameters will return all tasks that are either archived/unarchived or completed/incomplete. To filter for only completed tasks you must add the parameter `?completed=1`. To filter for incomplete tasks you must use `?completed=0`. The same principle applies to the `?archived` parameter. To include both archived and unarchived in the dataset simply remove the query parameter. An additional parameter of `?maxResults` can be used to limit the quantity of tasks that will be returned in a descending order. Above is an example of a value that can be set for `setMaxResults`.

JSON Response

```
{
  "tasks": [
    {
      "id": {TASK_ID},
      "data": [
        {
          "name": "{FIRST_QUESTION_KEY}",
          "value": "{FIRST_QUESTION_VALUE}"
        },
        {
          "name": "{SECOND_QUESTION_KEY}",
          "value": "{SECOND_QUESTION_VALUE}"
        },
        {
          "name": "{NEXT_QUESTION_KEY}",
          "value": "{NEXT_QUESTION_VALUE}"
        },
        {
          .....
        },
        {
          "name": "internal_reference",
```

SwiftCase API Documentation

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```
        "value": "18-700098"
    }
  ],
  "fees": {
    "net": {FEE_NET},
    "vat": {FEE_VAT},
    "gross": {FEE_GROSS}
  },
  "status": {
    "status": "{STATUS_NAME}"
  },
  "taskUsers": [
    {
      "user": {
        "id": "{CLIENT_ID}",
        "name": "{CLIENT_NAME}"
      },
      "relationship": "Client"
    },
    {
      "user": {
        "id": "{CLIENT_STAFF_ID}",
        "name": "{CLIENT_STAFF_NAME}"
      },
      "relationship": "Client staff"
    },
    {
      "user": {
        "id": "{INTERNAL_USER_ID}",
        "name": "{INTERNAL_USER_NAME}"
      },
      "relationship": "Owner"
    }
  ]
}
]
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>XML Response
```

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<data>
  <item name="{FIRST_QUESTION_KEY}">{FIRST_QUESTION_KEY}</item>
  <item name="{SECOND_QUESTION_KEY}">{SECOND_QUESTION_VALUE}</item>
  <item name="{NEXT_QUESTION_KEY}">{NEXT_QUESTION_VALUE}</item>
  <item name=".....">.....</item>
</data>
<fees>
  <net>{FEE_NET}</net>
```

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```
<vat>{FEE_VAT}</vat>
<gross>{FEE_GROSS}</gross>
</fees>
<status>
  <status>{STATUS_NAME}</status>
</status>
<taskUsers>
  <taskUser>
    <user>
      <id>{CLIENT_ID}</id>
      <name>{CLIENT_NAME}</name>
    </user>
    <relationship>Client</relationship>
  </taskUser>
  <taskUser>
    <user>
      <id>{CLIENT_STAFF_ID}</id>
      <name>{CLIENT_STAFF_NAME}</name>
    </user>
    <relationship>Client staff</relationship>
  </taskUser>
  <taskUser>
    <user>
      <id>{INTERNAL_USER_ID}</id>
      <name>{INTERNAL_USER_NAME}</name>
    </user>
    <relationship>Owner</relationship>
  </taskUser>
</taskUsers>
</task>
</taskCollection>
```

SwiftCase API Documentation

By Livepoint Software Solutions

Mark Task as on hold

PATCH `https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/task/{TASK_ID}/mark-on-hold(.json/.xml)`

Data Options

API_KEY	API key	Required
TASK_ID	Identifier of your SwiftCase task	Required
DATE	The date format must be 'dd/mm/yyyy' e.g 28/07/2021	Required
REASON	This will be the reason the task is being put on hold	

JSON Request

```
{  
  "date": "{DATE}",  
  "reason": "{REASON}"  
}
```

XML Request

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<root>  
  <date>{DATE}</date>  
  <reason>{DATE}</reason>  
</root>
```

JSON Response

SwiftCase API Documentation

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```
{
  "id": {TASK_ID},
  "data": [
    {
      "name": "{FIRST_QUESTION_KEY}",
      "value": "{FIRST_QUESTION_VALUE}"
    },
    {
      "name": "{SECOND_QUESTION_KEY}",
      "value": "{SECOND_QUESTION_VALUE}"
    },
    {
      "name": "{NEXT_QUESTION_KEY}",
      "value": "{NEXT_QUESTION_VALUE}"
    },
    {
      .....
    },
    {
      "name": "internal_reference",
      "value": "18-700098"
    }
  ],
  "fees": {
    "net": {FEE_NET},
    "vat": {FEE_VAT},
    "gross": {FEE_GROSS}
  },
  "status": {
    "status": "{STATUS_NAME}"
  },
  "taskUsers": [
    {
      "user": {
        "id": "{CLIENT_ID}",
        "name": "{CLIENT_NAME}"
      },
      "relationship": "Client"
    },
    {
      "user": {
        "id": "{CLIENT_STAFF_ID}",
        "name": "{CLIENT_STAFF_NAME}"
      },
      "relationship": "Client staff"
    },
    {
      "user": {
        "id": "{INTERNAL_USER_ID}",
        "name": "{INTERNAL_USER_NAME}"
      }
    }
  ]
}
```

SwiftCase API Documentation

By Livepoint Software Solutions

```
    },
    "relationship": "Owner"
  }
],
  "isTaskOnHold": "{IS_TASK_ON_HOLD}"
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<task>
<id>{TASK_ID}</id>
<data>
  <item name="{FIRST_QUESTION_KEY}">{FIRST_QUESTION_KEY}</item>
  <item name="{SECOND_QUESTION_KEY}">{SECOND_QUESTION_VALUE}</item>
  <item name="{NEXT_QUESTION_KEY}">{NEXT_QUESTION_VALUE}</item>
  <item name=".....">.....</item>
</data>
<fees>
  <net>{FEE_NET}</net>
  <vat>{FEE_VAT}</vat>
  <gross>{FEE_GROSS}</gross>
</fees>
<status>
  <status>{STATUS_NAME}</status>
</status>
<taskUsers>
  <taskUser>
    <user>
      <id>{CLIENT_ID}</id>
      <name>{CLIENT_NAME}</name>
    </user>
    <relationship>Client</relationship>
  </taskUser>
  <taskUser>
    <user>
      <id>{CLIENT_STAFF_ID}</id>
      <name>{CLIENT_STAFF_NAME}</name>
    </user>
    <relationship>Client staff</relationship>
  </taskUser>
  <taskUser>
    <user>
      <id>{INTERNAL_USER_ID}</id>
      <name>{INTERNAL_USER_NAME}</name>
    </user>
    <relationship>Owner</relationship>
  </taskUser>
</taskUsers>
<isTaskOnHold>{IS_TASK_ON_HOLD}</isTaskOnHold>
</task>
```

SwiftCase API Documentation

By Livepoint Software Solutions

Mark Task as deleted

PATCH

`https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/users/{USER_ID}/delete(.json/.xml)`

Data Options

API_KEY	API key	Required
USER_ID	User ID	Required

JSON Response

```
{
  "id": {USER_ID},
  "name": "{USERNAME}",
  "isUserDeleted?": "{IS_DELETED}",
  "isUserActive?": "{IS_ACTIVE}",
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
  <user>
    <id>{USER_ID}</id>
    <username>{USERNAME}</username>
    <isDeleted>{IS_DELETED}</isDeleted>
    <isSuspended>{IS_SUSPENDED}</isSuspended>
  </user>
```


SwiftCase API Documentation

By Livepoint Software Solutions

Mark Task as suspended

PATCH

`https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/users/{USER_ID}/suspend(.json/.xml)`

Data Options

API_KEY	API key	Required
USER_ID	User ID	Required

JSON Response

```
{
  "id": {USER_ID},
  "name": "{USERNAME}",
  "isUserDeleted?": "{IS_DELETED}",
  "isUserActive?": "{IS_ACTIVE}",
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
  <user>
    <id>{USER_ID}</id>
    <username>{USERNAME}</username>
    <isDeleted>{IS_DELETED}</isDeleted>
    <isSuspended>{IS_SUSPENDED}</isSuspended>
  </user>
```

SwiftCase API Documentation

By Livepoint Software Solutions

Mark Task as unsuspended

PATCH

`https://{YOUR_SUBDOMAIN}.swiftcase.co.uk/api/v2/{API_KEY}/users/{USER_ID}/unsuspend(.json/.xml)`

Data Options

API_KEY	API key	Required
USER_ID	User ID	Required

JSON Response

```
{
  "id": {USER_ID},
  "name": "{USERNAME}",
  "isUserDeleted?": "{IS_DELETED}",
  "isUserActive?": "{IS_ACTIVE}",
}
```

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
  <user>
    <id>{USER_ID}</id>
    <username>{USERNAME}</username>
    <isDeleted>{IS_DELETED}</isDeleted>
    <isSuspended>{IS_SUSPENDED}</isSuspended>
  </user>
```