

The WEB-API Specifications 6th Edition
in JSON format
for PSC New Download and FAQ system
Ver. 1.0

The 6th edition has been updated on December 9, 2011.

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IT Products Business Unit

Panasonic Corporation

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* The 4th page has been updated on December 9, 2011.

Whole Summary

This specification shows WEB-API function used to transfer data from ITPBU new download system to PSC FAQ system.

1. Whole Specifications

1.1. HTTP Request Header

1.1.1. About HTTP Method

HTTP Method uses "PUT" and "DELETE" in adding and deleting a file on Download List, but some browsers do not support the "PUT" and "DELETE".

If this is the case, please make a POST communication adding "_method=PUT" or "_method=DELETE" in a request parameter.

1.1.2. Content-Type

Content-Type: text/html; charset=UTF-8

1.2. HTTP Response Header

1.2.1. Content-Type

Content-Type: application/json; charset=UTF-8

1.2.2. HTTP Response Code

Response Code	Description
200	Access succeeds
400	Parameter error
404	Access inappropriate URL
405	Access with POST method
406	Access the state unable to accept
410	Access document already deleted
500	System malfunction
503	System suspension

1.3. HTTP Response Body

1.3.1. In the case when HTTP Response Code is 200

The system will respond with the data obtained in JSON format

1.3.2. In the case when HTTP Response Code is not 200

The system will respond with an error message saying Content-Type: text/html; charset=UTF-8.

2. Search List

2.1. Summary

This chapter shows that the system responds with a search results list, which is based on the search conditions specified with a value in a parameter.

2.2. HTTP Method

GET

2.3. URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/search>

2.4. Request parameter

Key	Description	Required	Value
q	Keyword for search	*1	
p1	Classification (Web code) The contents type code for downloading and FAQ		
p2	Product name (Web code)		
p3	Series name (Web code)		
p4	Product Model Number		
oc	Operating System		Operating System of Category
ct_faq	Is FAQ category available? It is available only when qc[] is used.		Unavailable
qc[]	FAQ category (Category code)		FAQ category of Category
ct_dl	Is Download List category available? It is available only when dc[] is used.		Yes: 1
dc[]	Download List category (Category code)		Download List category of Category
df	Format of date released (beginning): yyyy/mm/dd		
dt	Format of date finished (concluding): yyyy/mm/dd		
dr	Designation of the most recent days		One byte character, positive integer
lang	Language (Language code)		
per_page	Number of lists shown in one page	Yes	Within 100 One byte character, positive integer

page	The displayed page number		One byte character, positive integer Default value with no setting: 1
sort_key	Orders to sort Date updated: Descending order or Score: Descending order		doc_updated_on score Default value with no setting: Date released

*1: Either Keyword for search or Classification is required.

*2: It depends on the system settings.

2.5. Sample URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/search?q=&button=&dc%5B%5D=002001&p1=135&p2=1350327&oc=&lang=>

2.6. Search results

Item	Description
└ search_result_id	Search result ID
└ hit_count	Number of search hits
└ per_page	Number of lists shown in one page
└ page	Page number
└ sort_key	Sort order
└ search_categories	Category list of search results *If the search results show 'Found 0 matches', a response will represent a null array '[]'.
└ search_category	Search results category
└ code	Category code
└ name	Category name
└ count	Number of documents related to Category
└ search_results	Search results list *If the search results show 'Found 0 matches', a response will represent a null array '[]'.
└ search_result	Search result
└ doc_no	Content managed number *When installation_instructions_flag is true, it represents a null character.
└ new_flag	New flag (Used for Download System to show it is new or not)

	*true or false
└ detail_url	Detail page URL *When installation_instructions_flag is true, it represents a null character.
└ search_result_rank	Search result rank
└ content_type_code	Content type code
└ content_type	Content type
└ title	FAQ or Download List title
└ answer	Detail information of answer to FAQ and Download List
└ doc_updated_on	Date released (yyyy/mm/dd)
└ installation_instructions_flag	Installation instructions flag
└ installation_instructions_url	*true or false URL of installation instructions *This can only be set when installation_instructions_flag is true.
└ language_code	Language code
└ language_name	Language name
└ target_model_string	Object Model string (With no settings, it represents a null.)
└ products	Product Name list *If the Product Name list shows 'Found 0 matches', a response will represent a null array '[]'.
└ ┬ product	Object product
└ └ web_code	Web code (The bottom layer web code)
└ ┬ name	Product Name field
└ operating_systems	Operating System list *If the Operating System list shows 'Found 0 matches', a response will represent a null array '[]'.
└ ┬ operating_system	Operating System list
└ └ code	Operating System code
└ ┬ name	Operating System field
└ ┬ categories	Category list *If the Category list shows 'Found 0 matches', a response will

	represent a null array '[]'.
└ category	Category
└ code	Category code
└ name	Category name (Notate the name hierarchically as [Category Category Category].)

2.7. Sample of JSON format response

JSON format

```
{
  "search_result_id": 733578,
  "hit_count": 328,
  "per_page": 25,
  "page": 1,
  "sort_key": "score",
  "search_categories": [
    {
      "name": "Application and Utility",
      "code": "002001009",
      "count": 93
    },
    {
      "name": "Audio and Graphics",
      "code": "002001001",
      "count": 21
    },
    {
      "name": "Chipset",
      "code": "002001002",
      "count": 10
    },
    {
      "name": "Communication Network",
      "code": "002001003",
      "count": 55
    },
  ]
}
```

```

{
  "name": "Driver Installation Instructions",
  "code": "009",
  "count": 7
},
{
  "name": "Keyboard&#8218; Mouse and Peripherals",
  "code": "002001004",
  "count": 98
},
{
  "name": "MS Updates (QFEs)",
  "code": "002001007",
  "count": 3
},
{
  "name": "Operation System and Others",
  "code": "002001008",
  "count": 22
},
{
  "name": "Security",
  "code": "002001005",
  "count": 16
},
{
  "name": "Storage",
  "code": "002001006",
  "count": 10
}
],
"search_results": [
  {
    "new_flag": true,
    "search_result_rank": 1,
    "content_type_code": "dl",

```



```
"content_type":"DL",  
    "title":null,  
    "answer":"","  
    "doc_updated_on":"2011/01/12",  
    "installation_instructions_flag":true,  
    "installation_instructions_url":"http://pc-dl.panasonic.co.jp/dl/download/file/53224/s733578/98  
56904d05b272ef/Installation_Instructions_C1A_WinXP_H-2010-0154.pdf",  
    "language_code":"009",  
    "language":"French",  
    "target_model_string":"<div><p> CF-C1A(mk1) WindowsXP Tablet  
SP3&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&CF-C1A[D/T]xxxGF</p></div>",  
    "products":[  
        {  
            "name":"CF-C1A (mk1)",  
            "web_code":"1350327"  
        }  
    ],  
    "operating_systems":[  
        {  
            "name":"Windows XP Tablet SP3",  
            "code":"001017"  
        }  
    ],  
    "categories":[  
        {  
            "code":"009",  
            "name":"Driver Installation Instructions"  
        }  
    ]  
},  
{  
    "new_flag":true,  
    "search_result_rank":2,  
    "content_type_code":"dl",  
    "content_type":"DL",  
    "title":null,
```

[illegible]

```
"installation_instructions_url":"http://pc-dl.panasonic.co.jp/dl/download/file/53222/s733578/9d65841fcb082081/Installation_Instructions_C1A_WinXP_H-2010-0132.pdf",
    "language_code": "005",
    "language": "English(North America)",
    "target_model_string": "<div><p>CF-C1A(mk1) Windows XP Tablet SP3</p></div>CF-C1A[D/T]xxx[6/G]x</p></div>",
    "products": [
        {
            "name": "CF-C1A (mk1)",
            "web_code": "1350327"
        }
    ],
    "operating_systems": [
        {
            "name": "Windows XP Tablet SP3",
            "code": "001017"
        }
    ],
    "categories": [
        {
            "code": "009",
            "name": "Driver Installation Instructions"
        }
    ]
},
{
    "doc_no": "53224",
    "detail_url": "http://pc-dl.panasonic.co.jp/dl/api/v1/docs/53224",
    "new_flag": true,
    "search_result_rank": 4,
    "content_type_code": "dl",
    "content_type": "DL",
    "title": "Bluetooth Stack<br><font color=red><B>Update</B></font>",
    "answer": "",
    "doc_updated_on": "2011/01/12",
    "installation_instructions_flag": false,
```


[illegible]

[illegible]

[illegible]

[illegible]


```
"code": "001017"
},
{
  "name": "Keyboard&#8218; Mouse and Peripherals",
  "code": "002001004"
}
],
"categories": [
  {
    "name": "Keyboard&#8218; Mouse and Peripherals",
    "code": "002001004"
  }
]
},
{
  "doc_no": "53188",
  "detail_url": "http://pc-dl.panasonic.co.jp/dl/api/v1/docs/53188",
  "new_flag": true,
  "search_result_rank": 15,
  "content_type_code": "dl",
  "content_type": "DL",
  "title": "Touch screen Calibration Tool [This file can be executed only in Touch Screen  
model]&nbsp;<font color=red><B>Update</B></font>",
  "answer": "",
  "doc_updated_on": "2010/12/27",
  "installation_instructions_flag": false,
  "language_code": "002",
  "language": "English(UK) / MUI",
  "target_model_string": "<div><p> CF-C1A(mk1) WindowsXP Tablet  
SP3&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&CF-C1ATxxxHx</p></div>",
  "products": [
    {
      "name": "CF-C1A (mk1)",
      "web_code": "1350327"
    }
  ],
  "operating_systems": [
    {
      "name": "Windows XP Tablet SP3",
      "code": "001017"
```



```
,
    "categories":[
      {
        "name":"Keyboard&#8218; Mouse and Peripherals",
        "code":"002001004"
      }
    ]
  },
  {
    "doc_no":"53186",
    "detail_url":"http://pc-dl.panasonic.co.jp/dl/api/v1/docs/53186",
    "new_flag":true,
    "search_result_rank":17,
    "content_type_code":"dl",
    "content_type":"DL",
    "title":" Touch screen Calibration Tool [This file can be executed only in Touch Screen  
model]&nbsp;<font color=red><B>Update</B></font>",
    "answer":"","",
    "doc_updated_on":"2010/12/27",
    "installation_instructions_flag":false,
    "language_code":"005",
    "language":"English(North America)",
    "target_model_string":"<div><p> CF-C1A(mk1) Windows XP Tablet  
SP3&nbsp;&nbsp;&nbsp;&nbsp;&CF-C1ATxxx[6/G]x</p></div>",
    "products":[
      {
        "name":"CF-C1A (mk1)",
        "web_code":"1350327"
      }
    ],
    "operating_systems":[
      {
        "name":"Windows XP Tablet SP3",
        "code":"001017"
      }
    ],
```



```
"categories":[
{
"name":"Keyboard&#8218; Mouse and Peripherals",
"code":"002001004"
}
],
{
"doc_no":"52692",
"detail_url":"http://pc-dl.panasonic.co.jp/dl/api/v1/docs/52692",
"new_flag":true,
"search_result_rank":18,
"content_type_code":"dl",
"content_type":"DL",
"title":" Panasonic Misc Driver<font color=red><B>Update</B></font>",
"answer":"","
"doc_updated_on":"2010/12/08",
"installation_instructions_flag":false,
"language_code":"005",
"language":"English(North America)",
"target_model_string":"<div title=" CF-C1A(mk1) Windows 7 Professional
64bit&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&CF-C1A[D/T]xxx[1/D]x&#8218;&nbsp;&nbsp;&nbsp;&CF-C1A[D/T]xxx[6/G]x"><p>
CF-C1A(mk1) Windows 7 Professional
64bit&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&CF-C1A[D/T]xxx[1/D]x&#8218;&nbsp;&nbsp;&~&CF-C1...</p></div>",
"products":[
{
"name":"CF-C1A (mk1)",
"web_code":"1350327"
}
],
"operating_systems":[
{
"name":"Windows 7 64bit",
"code":"001019"
}
],
```

```
"categories":[  
    {  
        "name":"Operation System and Others",  
        "code":"002001008"  
    }  
],  
  
{  
    "doc_no":"52590",  
    "detail_url":"http://pc-dl.panasonic.co.jp/dl/api/v1/docs/52590",  
    "new_flag":true,  
    "search_result_rank":19,  
    "content_type_code":"dl",  
    "content_type":"DL",  
    "title":" Panasonic Misc Driver<font color=red><B>Update</B></font>",  
    "answer":"","  
    "doc_updated_on":"2010/11/30",  
    "installation_instructions_flag":false,  
    "language_code":"005",  
    "language":"English(North America)",  
    "target_model_string":"<div title=" CF-C1A(mk1) Windows 7 Professional  
64bit&nbsp;&nbsp;&nbsp;&CF-C1A[D/T]xxx[1/D]x&#8218;&nbsp;&nbsp;&CF-C1A[D/T]xxx[6/G]x"><p>  
CF-C1A(mk1) Windows 7 Professional  
64bit&nbsp;&nbsp;&nbsp;&CF-C1A[D/T]xxx[1/D]x&#8218;&nbsp;&nbsp;&CF-C1...</p></div>",  
    "products": [  
        {  
            "name":"CF-C1A (mk1)",  
            "web_code":"1350327"  
        }  
    ],  
    "operating_systems": [  
        {  
            "name":"Windows 7 64bit",  
            "code":"001019"  
        }  
    ],
```

[illegible]

[illegible]

[illegible]

```
"categories":[
    {
        "name":"Communication Network",
        "code":"002001003"
    }
],
{
    "doc_no":"51980",
    "detail_url":"http://pc-dl.panasonic.co.jp/dl/api/v1/docs/51980",
    "new_flag":true,
    "search_result_rank":23,
    "content_type_code":"dl",
    "content_type":"DL",
    "title":"' Wheel Pad Utility",
    "answer":"","
    "doc_updated_on":"2010/11/09",
    "installation_instructions_flag":false,
    "language_code":"002",
    "language":"English(UK) / MUI",
    "target_model_string":"<div title=' CF-C1A(mk1) Windows 7 Professional
64bit&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&CF-C1A[D/T]xxxFx&#8218;&nbsp;&nbsp;&nbsp;&nbsp;&CF-C1A[D/T]xxxHx&#8218;&nbsp;&nbsp;&nbsp;&~
A[D/T]xxxGF"><p> CF-C1A(mk1) Windows 7 Professional
64bit&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&CF-C1A[D/T]xxxFx&#8218;&nbsp;&nbsp;&nbsp;&~
CF-C1A[D/...</p></div>",
    "products":[
        {
            "name":"CF-C1A (mk1)",
            "web_code":"1350327"
        }
    ],
    "operating_systems":[
        {
            "name":"Windows 7 64bit",
            "code":"001019"
        }
    ],
```

[illegible]


```
"categories":[
  {
    "name":"Application and Utility",
    "code":"002001009"
  }
]
}
]
```

The screen sample of the search result same in a site of ITPBU.

http://pc-dl.panasonic.co.jp/dl/search?dc%5B%5D=002001&p1=135&p2=1350327&sri=733636&trn_org=2&per_page=25

Global

Search Keyword

Search

Global Home

Contact Us

Site Map

TOUGHBOOK

Download Center

Search

List

FAQ

Support

Global Site

Go to -> | Home |

Top > Search Results > All Drivers

Search

Latest Information

Most Viewed FAQs

Keyword & Category Search

Please find out downloads by the product models number or keywords

Please input keywords here

Search

Index No. Search

Category: All Drivers

Product: Business-rugged

Model Number: CF-C1A (mk1)

Operating System: (and Module) > step4

Language: > step5

Search Results for Category Groups of contents. [Found 328 matches]

Application and Utility | Audio and Graphics | Chipset | Communication Network | Driver Installation Instructions | Keyboard, Mouse and Peripherals | MS Updates (QFEs) | Operation System and Others | Security | Storage

Displaying Items 1 - 25; Results per page: 25

Category	Title	Model Number, Operating System (Model number for Option manuals), Language, Release Date, Index No.
1	Driver Installation Instructions	Installation Instructions [pdf, 118.5 kb] View correct order of installing all drivers for CF-C1A (mk1) CF-C1A(mk1) WindowsXP Tablet SP3 CF-C1A[D/T]xxxGF French Jan 12, 2011
2	Driver Installation Instructions	Installation Instructions [pdf, 118.1 kb] View correct order of installing all drivers for CF-C1A (mk1) CF-C1A(mk1) WindowsXP Tablet SP3 CF-C1A[D/T]xxxHx English(UK) / MUI Jan 12, 2011
3	Driver Installation Instructions	Installation Instructions [pdf, 122.7 kb] View correct order of installing all drivers for CF-C1A (mk1) CF-C1A(mk1) Windows XP Tablet SP3 CF-C1A[D/T]xxx[6/5]x English(North America) Jan 12, 2011
4	Communication Network	Bluetooth Stack Update [NEW] CF-C1A(mk1) WindowsXP Tablet SP3 CF-C1A[D/T]xxxGF French Jan 12, 2011 No. 053224
5	Communication Network	Bluetooth Stack Update [NEW] CF-C1A(mk1) WindowsXP Tablet SP3 CF-C1A[D/T]xxxHx English(UK) / MUI Jan 12, 2011 No. 053223
6	Communication Network	Bluetooth Stack Update [NEW] CF-C1A(mk1) Windows XP Tablet SP3 CF-C1A[D/T]xxx[6/5]x English(North America) Jan 12, 2011 No. 053222
7	Driver Installation Instructions	Installation Instructions [pdf, 305.0 kb] View correct order of installing all drivers for CF-C1A (mk1) CF-C1A(mk1) Windows 7 Professional 64bit CF-C1ATxxxFx, CF-C1ATxxxHx... English(UK) / MUI Dec 27, 2010
8	Driver Installation Instructions	Installation Instructions [pdf, 351.8 kb] View correct order of installing all drivers for CF-C1A (mk1) CF-C1A(mk1) Windows 7 Professional 32bit CF-C1ATxxxFx English(North America) Dec 27, 2010
9	Driver Installation Instructions	Installation Instructions [pdf, 88.3 kb] View correct order of installing all drivers for CF-C1A (mk1) CF-C1A(mk1) Windows 7 Professional 32bit CF-C1ATxxxFx English(UK) / MUI Dec 27, 2010
10	Driver Installation Instructions	Installation Instructions [pdf, 92.6 kb] View correct order of installing all drivers for CF-C1A (mk1) CF-C1A(mk1) Windows 7 Professional 32bit CF-C1ATxxx[1/D]x English(North America) Dec 27, 2010
11	Keyboard, Mouse and Peripherals	Touch screen Calibration Tool [This file can be executed only in Touch Screen model] Update CF-C1A(mk1) Windows 7 Professional 64bit CF-C1ATxxxFx, CF-C1ATxxxHx... English(UK) / MUI Dec 27, 2010 No. 053192
12	Keyboard, Mouse and Peripherals	Touch screen Calibration Tool [This file can be executed only in Touch Screen model] Update CF-C1A(mk1) Windows 7 Professional 32bit CF-C1ATxxxFx English(North America) Dec 27, 2010 No. 053191
13	Keyboard, Mouse and Peripherals	Touch screen Calibration Tool [This file can be executed only in Touch Screen model] Update CF-C1A(mk1) Windows 7 Professional 32bit CF-C1ATxxxFx English(UK) / MUI Dec 27, 2010 No. 053190
14	Keyboard, Mouse and Peripherals	Touch screen Calibration Tool [This file can be executed only in Touch Screen model] Update CF-C1A(mk1) WindowsXP Tablet SP3 CF-C1ATxxxGF French Dec 27, 2010 No. 053189
15	Keyboard, Mouse and Peripherals	Touch screen Calibration Tool [This file can be executed only in Touch Screen model] Update CF-C1A(mk1) WindowsXP Tablet SP3 CF-C1ATxxxHx English(UK) / MUI Dec 27, 2010 No. 053188
16	Keyboard, Mouse and Peripherals	Touch screen Calibration Tool [This file can be executed only in Touch Screen model] Update CF-C1A(mk1) Windows 7 Professional 32bit CF-C1ATxxx[1/D]x English(North America) Dec 27, 2010 No. 053187
17	Keyboard, Mouse and Peripherals	Touch screen Calibration Tool [This file can be executed only in Touch Screen model] Update CF-C1A(mk1) Windows XP Tablet SP3 CF-C1ATxxx[6/5]x English(North America) Dec 27, 2010 No. 053186
18	Operation System and Others	Panasonic Misc Driver Update CF-C1A(mk1) Windows 7 Professional 64bit CF-C1A[D/T]xxx[1/D]x, CF-C1... English(North America) Dec 08, 2010 No. 052692
19	Operation System and Others	Panasonic Misc Driver Update CF-C1A(mk1) Windows 7 Professional 64bit CF-C1A[D/T]xxx[1/D]x, CF-C1... English(North America) Nov 30, 2010 No. 052590
20	Communication Network	Wireless Switch Utility [This file can be installed only to WLAN model] CF-C1A(mk1) Windows 7 Professional 64bit CF-C1A[D/T]xxxFx, CF-C1A[D/... English(UK) / MUI Nov 09, 2010 No. 051983
21	Communication Network	Wireless LAN Driver [This file can be installed only to WLAN model] CF-C1A(mk1) Windows 7 Professional 64bit CF-C1A[D/T]xxxFx, CF-C1A[D/... English(UK) / MUI Nov 09, 2010 No. 051982
22	Communication Network	Wireless Connection Disable Utility CF-C1A(mk1) Windows 7 Professional 64bit CF-C1A[D/T]xxxFx, CF-C1A[D/... English(UK) / MUI Nov 09, 2010 No. 051981
23	Keyboard, Mouse and Peripherals	Wheel Pad Utility CF-C1A(mk1) Windows 7 Professional 64bit CF-C1A[D/T]xxxFx, CF-C1A[D/... English(UK) / MUI Nov 09, 2010 No. 051980
24	Audio and Graphics	Video Driver CF-C1A(mk1) Windows 7 Professional 64bit CF-C1A[D/T]xxxFx, CF-C1A[D/... English(UK) / MUI Nov 09, 2010 No. 051979
25	Application and Utility	USB Selective Suspend Manager CF-C1A(mk1) Windows 7 Professional 64bit CF-C1A[D/T]xxxFx, CF-C1A[D/... English(UK) / MUI Nov 09, 2010 No. 051978

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3. FAQ and Download List Detail

3.1. Summary

This chapter shows the function in which the system responds with FAQ and Download List detail with a request parameter.

3.2. HTTP Method

GET

3.3. URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/docs/xxx>

3.4. Request parameter

Managed number of download list details

3.5. Sample URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/docs/0051321>

3.6. Detail download data

Item	Description
└ doc	Document
└ doc_no	Managed document number
└ new_flag	New flag (Used for Download System to show new mark or not) *true or false
└ title	Download or FAQ title
└ doc_updated_on	Date released (yyyy/mm/dd)
└ target_model_string	Object Model string (With no settings, it represents a null.)
└ target_os_string	Object OS string (With no settings, it represents a null.)
└ products	Product Name list *If the Product Name list shows 'Found 0 matches', a response will represent a null array '[]'.
└ product	Product
└ web_code	Web code (The bottom layer web code)
└ name	Product Name field

└ operating_systems	Operating System list *If the Operating System list shows 'Found 0 matches', a response will represent a null array '[]'.
└ operating_system	Operating System list
└ code	Operating System code
└ name	Operating System field
└ categories	Category list * If the Category list shows 'Found 0 matches', a response will represent a null array '[]'.
└ category	Category
└ code	Category code
└ name	Category name (Notate the name hierarchically as [CATEGORY CATEGORY CATEGORY].)
└ all_right_reserved_flag	Terms of Use *true or false
└ copyright	Copyright
└ language_code	Language code
└ language_name	Language name
└ files	Download File List *If the Download File list shows 'Found 0 matches', a response will represent a null array '[]'.
└ file	Download file
└ file_id	Download file ID (Encrypted)
└ file_name	Download file name
└ alias_name	Another Download file name
└ name	Displayed Download file name
└ description	Remarks of displayed download file name
└ size	Download file size
└ path	Download file path
└ installation_division	Classification of Installation 0: Not an object 1: Instructions

	2: Manual
└ download_string	Download string
└ doc_details	Detail item list *If the Detail item list shows 'Found 0 matches', a response will represent a null array '[]'.
└┬ doc_detail	Detail item
└┬└ title	Detail title
└┬└ body	Detail body
└┬ doc_relations	Related document list *If the related document list shows 'Found 0 matches', a response will represent a null array '[]'.
└┬┬ doc_relation	Related document
└┬┬└ doc_no	Managed number of related document
└┬┬└ title	Title of related document
└┬┬└ url	URL of related document
└┬┬└ description	Remarks of related document

3.7. Sample of download details in JSON format

Download details in JSON format

```
{
  "doc_no":"051321",
  "new_flag":true,
  "title":" Touchscreen Driver [This file can be installed only to Touch Screen model]&nbsp;<font
color=red><B>Update</B></font>",
  "doc_updated_on":"2010/10/13",
  "target_model_string":" CF-C1A(mk1) WindowsXP Tablet
SP3<br>&nbsp;&nbsp;&nbsp;&nbsp;<B>CF-C1ATxxxGF</B>",
  "target_os_string":null,
  "products":[
    {
      "name":"CF-C1A (mk1)",
      "web_code":"1350327"
    }
  ],
  "operating_systems":[
```

```

{
  "name": "Windows XP Tablet SP3",
  "code": "001017"
},
{
  "name": "Keyboard&#8218; Mouse and Peripherals",
  "code": "002001004"
},
{
  "all_rights_reserved_flag": true,
  "copyright": "IT Products Business Unit AVC Networks company Panasonic Corporation Copyright (C) Panasonic Corporation 2010¥n",
  "language_code": "009",
  "language_name": "French",
  "files": [
    {
      "installation_division": "0",
      "path": "http://pc-dl.panasonic.co.jp/dl/download/file/051321/s/af769546b192c252/TouchscreenDriver_v1.2_C1A_XP_ss8353.exe",
      "file_id": "af769546b192c252",
      "file_name": "touch_v1.2_c1_1_xp_d101114.exe",
      "size": 924990,
      "description": "This file is self-expandable on any Toughbook model&#8218; but the drivers<br>can only be installed (used) on the applicable model number.",
      "name": "Touchscreen Driver",
      "alias_name": "TouchscreenDriver_v1.2_C1A_XP_ss8353.exe"
    },
    {
      "installation_division": "1",
      "path": "http://pc-dl.panasonic.co.jp/dl/download/file/051321/s/9856904d05b272ef/Installation_Instructions_C1A_WinXP_H-2010-0154.pdf",
      "file_id": "9856904d05b272ef",
      "file_name": "Installation_Instructions_C1A_WinXP_H-2010-0154.pdf",
      "size": 121366,

```

```
"description":null,
"name":"Installation Instructions",
"alias_name":"Installation_Instructions_C1A_WinXP_H-2010-0154.pdf"
}
],
"download_string":null,
"doc_details":[
{
  "title":"Version",
  "body_text":"V1.2"
},
{
  "title":"Microsoft Signed",
  "body_text":"No"
}
],
"doc_relations":[
]
}
```

The screen sample of the search result same in a site of ITPBU.

http://pc-dl.panasonic.co.jp/dl/docs/051321

[Top](#) > [Search Results](#) > Detail Page



'My Download List'
is not available to
this browser

Category:

Keyboard, Mouse
and Peripherals

Title:

Touchscreen Driver [This file can be installed only to Touch Screen
model] **Update** **NEW**

Model:

CF-C1A(mk1) WindowsXP Tablet SP3
CF-C1ATxxxGF

Operating System:

Windows XP Tablet SP3

Language:

French

Release Date:

Oct 13, 2010

Index No: 051321

File Name (Size): [Download Time]

TouchscreenDriver_v1.2_C1A_XP_ss8353.exe (903.3 kb)
[Download Time 512k: 15.7 sec]
Installation_Instructions_C1A_WinXP_H-2010-0154.pdf (118.5 kb)
[Download Time 512k: 2.1 sec]

Version

V1.2

Microsoft Signed

No

[Installation Instructions](#) for all CF-C1A (mk1) Drivers
View correct order of installing all drivers for CF-C1A (mk1)

[View Instructions \[pdf, 118.5 kb\]](#)

TouchscreenDriver_v1.2_C1A_XP_ss8353.exe(903.3 kb)
[Download Time 512k: 15.7 sec]

This file is self-expandable on any Toughbook model, but the drivers
can only be installed (used) on the applicable model number.

[download now](#)

4. Download List function

4.1. Summary

This chapter shows the system, which responds with Download List retained in a session.

4.2. HTTP Method

GET

4.3. URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/cart>

4.4. Request parameter

None

4.5. Sample URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/cart>

4.6. Response data

Item	Description
└ download_list	Download List *If the Download List shows 'Found 0 matches', a response will represent a null array '[]'.
└ download_info	Download information
└ file_id	Download List file ID (Encrypted)
└ file_name	Download List file name
└ alias_name	Another Download List file name
└ name	Displayed Download List file name
└ description	Remarks of displaying Download List file
└ size	Download List file size
└ path	Download List file path
└ installation_division	Classification of Installation
└ doc_no	Managed number
└ detail_url	Detail page URL
└ doc_updated_on	Date released (yyyy/mm/dd)

└ products	Object product list *If the object product list shows 'Found 0 matches', a response will represent a null array '[]'.
└ product	Object product
└ web_code	Web code (The bottom layer web code)
└ name	Product name
└ operating_systems	Operating System list *If the Operating System list shows 'Found 0 matches', a response will represent a null array '[]'.
└ operating_system	Operating System
└ code	Operating System code
└ name	Operating System name
└ categories	Category list *If the Category list shows 'Found 0 matches', a response will represent a null array '[]'.
└ category	Category
└ code	Category code
└ name	Category name (Notate the name hierarchically as [Category Category Category].)
└ language_code	Language code
└ language_name	Language name

4.7. Sample of JSON format response

JSON format
<pre>[{ "file_id": "1e9c0a7557a8780b", "file_name": "bluet_ver6.00.11(p)_f8w8t8t8_33_vixp_d081457.exe", "alias_name": "BluetoothStack_Ver6.00.11(P)_W8E_W8G_Vista_ss6600.exe", "name": null, "description": null "size": 997389, "path": http://pc-dl.panasonic.co.jp/public/soft_update/d_bios/r7d/bios_r7_3_r080139.exe</pre>

```

    "installation_division": 0,
    "doc_no": "000851",
    "detail_url": "http://pc-dl.panasonic.co.jp/dl/api/v1/docs/000851",
    "doc_updated_on": "2003/03/06",
    "products": [
      {
        "web_code": "002001001001002",
        "name": "Let'snote CF-R7 Series CF-R7DW6AJS",
      },
    ],
    "operating_systems": [
      {
        "code": "001001",
        "name": "Windows XP SP2"
      },
    ],
    "categories": [
      {
        "code": "001001001",
        "name": "Windows information"
      },
      {
        "code": "001002",
        "name": "Hardware"
      }
    ],
    "language_code": "en",
    "language_name": "English"
  }
]

```

5. Addition of Download List

5.1. Summary

This chapter is about the request process for adding more files to Download List.

5.2. HTTP Method

PUT

5.3. URL

[http://pc-dl.panasonic.co.jp/dl/api/v1/cart/{Managed Number}/{Download File ID }](http://pc-dl.panasonic.co.jp/dl/api/v1/cart/{Managed Number}/{Download File ID})

5.4. Request parameter

- Managed Number
- Download file ID: Encrypted download file ID (It can be obtained in FAQ and Download List Detail.)

5.5. Sample URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/cart/16307/146b4619f8502709>

5.6. Response data

Item	Descriptions
└ list_count	Number of Download Lists after adding files
└ limit_count	Maximum number of addition to Download List

5.7. Sample of JSON format response

JSON format
<pre>{ "list_count": 3, "limit_count": 50 }</pre>

6. Deletion of Download List

6.1. Summary

This chapter is about the request process for deleting files from Download List.

6.2. HTTP Method

DELETE

6.3. URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/cart/{Download File ID}>

6.4. Request parameter

- Download file ID: Encrypted download file ID (It can be obtained in FAQ and Download List Detail.)

6.5. Sample URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/cart/146b4619f8502709>

6.6. Response data

Item	Description
└ list_count	Number of Download Lists after deleting files
└ limit_count	Maximum number of addition to Download List

6.7. Sample of JSON format response

```
JSON format
{
  "list_count": 2,
  "limit_count": 50
}
```

7. Deletion of All Download Lists

7.1. Summary

This chapter is about the request process for deleting all Download Lists.

7.2. HTTP Method

DELETE

7.3. URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/cart>

7.4. Request parameter

None

7.5. Sample URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/cart>

7.6. Response data

Item	Description
└ list_count	Number of Download Lists after deletion (The quantity zero is fixed.)
└ limit_count	Maximum number of addition to Download List

7.7. Sample of JSON format response

JSON format
<pre>{ "list_count": 0, "limit_count": 50 }</pre>

8. Auto complete Function (Keyword input assist)

8.1. Summary

This chapter is about the function in which the system responds with a list of auto completed keywords based on the values specified in a parameter.

8.2. HTTP Method

GET

8.3. URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/complete>

8.4. Request parameter

Key	Description	Required	Value
q	Keyword	Yes	Keyword

8.5. Sample URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/complete?q=cf>

8.6. Response data

Item	Description
L keywords	List of auto completed keywords *If the list shows nothing, a response will represent a null array '[]'.
L text	Auto completed keywords

8.7. Sample of JSON format response

JSON format
<pre>[{ "text": "CF-07" }, { "text": "CF-07 (mk1)" }]</pre>

9. Download Category List

9.1. Summary

In a part constructing a selection menu in this chapter.

About a method to request for the list of Download Categories.

9.2. HTTP Method

GET

9.3. URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/categories>

9.4. Request parameter

None

9.5. Sample URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/categories>

9.6. Response data

Item	Description
└ categories	List of categories *If the list shows nothing, a response will represent a null array '[]'.
└ value	Download Category Code
└ text	Download Category Name

9.7. Sample of JSON format response

JSON format
<pre>[{ "value": "002001", "text": "Driver" }, { "value": "002003", "text": "BIOS and EC" }]</pre>

10. Product List

10.1. Summary

In a part constructing a selection menu in this chapter.

About a method to request for the list of Products.

A list of Product makes response from the search condition of the request parameter.

10.2. HTTP Method

GET

10.3. URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/products>

10.4. Request parameter

Key	Description	Required	Value
dc□	Download category (Category code)	Yes	Download category

10.5. Sample URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/products?dc%5B%5D=002001>

10.6. Response data

Item	Description
└ products	List of products *If the list shows nothing, a response will represent a null array '[]'.
└ value	Product code (Web code)
└ text	Product name

10.7. Sample of JSON format response

JSON format
<pre>[{ "value": "116", "text": "Toughbook CF-30" }, ...]</pre>

```
{
  "value": "117",
  "text": "Toughbook CF-31"
}
```

11. Product Model Number List

11.1. Summary

In a part constructing a selection menu in this chapter.

About a method to request for the list of Product Model Numbers.

A list of Product Model Number makes response from the search condition of the request parameter.

11.2. HTTP Method

GET

11.3. URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/models>

11.4. Request parameter

Key	Description	Required	Value
dc[]	Download category (Category code)	Yes	Download category
p	Product code (web code)	Yes	Product code

11.5. Sample URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/models?dc%5B%5D=002001&p=123>

11.6. Response data

Item	Description
└ models	List of product models number *If the list shows nothing, a response will represent a null array '[]'.
└ value	Product Model Number code (Web code)
└ text	Product Model Number

11.7. Sample of JSON format response

```
JSON format

[
  {
    "value": "1230068",
    "text": "CF-48E/F (mk5)"
  },
  {
    "value": "1230069",
    "text": "CF-48G (mk6)"
  }
]
```

12. Operating System List

12.1. Summary

In a part constructing a selection menu in this chapter.

About a method to request for the list of Operating Systems.

A list of Operating System makes response from the search condition of the request parameter.

12.2. HTTP Method

GET

12.3. URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/oss>

12.4. Request parameter

Key	Description	Required	Value
dc[]	Download category (Category code)	Yes	Download category
p1	Product code(web code)		Product code
p2	Product Model Number code (web code)		Product Model Number code

12.5. Sample URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/oss?dc%5B%5D=002001&p1=116&p2=>

12.6. Response data

Item	Description
└ oss	List of Operating System *If the list shows nothing, a response will represent a null array '[]'.
└ value	Operating System code (Category code)
└ text	Operating System (Category name)

12.7. Sample of JSON format response

JSON format
<pre>[{ "value": "001015", "text": "Windows 7 Upgrade" }, { "value": "001016", "text": "Windows 7 32bit" }]</pre>

13. Language List

13.1. Summary

In a part constructing a selection menu in this chapter.

About a method to request for the list of Languages.

A list of Language makes response from the search condition of the request parameter.

13.2. HTTP Method

GET

13.3. URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/langes>

13.4. Request parameter

Key	Description	Required	Value
dc□	Download category (Category code)	Yes	Download category
p1	Product code(web code)		Product code
p2	Product Model Number code (web code)		Product Model Number code
oc□	OS code(Category code)	Yes	OS code

13.5. Sample URL

<http://pc-dl.panasonic.co.jp/dl/api/v1/langs?dc%5B%5D=002001&p1=116&p2=&oc=>

13.6. Response data

Item	Description
└─ langs	List of Language *If the list shows nothing, a response will represent a null array '[]'.
└─ value	Language code
└─ text	Language name

13.7. Sample of JSON format response

JSON format
<pre>[{ "value": "002", "text": "English(UK) / MUI" }, { "value": "005", "text": "English(North America)" }]</pre>