



W E E C O V E R

API Weecover

Version 1.1

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1. General characteristics

The Weecover API is a restful API formed by the following methods:

Nombre	Descripción
ObtenerSeguro	Retrieve insurance detail
ObtenerSeguros	Recover all insurance associated with client
ObtenerSegurosDelGrupo	Recover all insurances that belong to a thematic group
TarificaSeguro	Returns insurance pricing
ContrataSeguro	Make insurance contracting

2. Request structure

In order to invoke the API, requests must:

- Be of type "application / json", that is, the attribute "Content-Type" of the header of the requests must be "application / json" type .
- Into the request body has to travel a json object variable according to each webservice to invoke .

3. Response structure

All the responses returns an unique structure formed by the attributes indicated into this following table:

Field name	Type	Description
success	Boolean	It indicates whether the request was executed with errors or not

errorCode	String	Error code. If there was no error, return null
exceptionClassName	String	Exception Type If there was no error, return empty string
exceptionMessage	String	Descriptive text of the error or empty string in case of execution without errors
exceptionTrace	String	Exception trace or empty string in case of execution without errors
response	Variable	Web service response in case of successful execution
transaccionId	String	Transaction identifier

The answer always be in json format

Regarding the formats

Type	Observations
Date	DD / MM / YYYY format
Decimal separator	Pun to (.). Example 500. 15
Thousands separator	Without separator For example 15000

4. TransaccionId Parameter

There is a parameter that serves to trace user activity, for example, to know what he rates, how many times he's obtaining prices, etc. It is convenient for each user to generate a transaccionId (transaction ID) when performing the first invocation to the API. This identifier is alphanumeric and can be generated by the merchant or by the API. If you want API to generate the transaccionId, the steps to follow are:

- Invoke any endpoint without sending the transaccionId parameter.
- In the response, retrieve the transaccionId attribute generated by our API.
- Use the value returned into the following calls.

5. How to get prices for insurance?

To obtain insurance prices, you will get first the list of insurance products available through the call `obtenerSeguros` . This call will return us an insurance products list where for each insurance product we will have, among other values, an insurance code and a list of parameters that we have to provide in the invocation to `tarificaSeguros` call . The section about API contains details of the use of `obtenerSeguros` .

Next we will make the call to `tarificaSeguro` where we will indicate:

- Código cliente (Client ID)
- Password
- Código del seguro (Insurance product ID)
- TransaccionId (Transaction ID)
- A list of values into the `parametro` field that will be determined by the result to `obtenerSeguros` invoke.

As a result, we will receive into the response attribute these values :

- Precio (Price): Insurance product quote
- `CodigoOferta` (OfferID): offer number. It is very important to keep this value as it is mandatory when hiring.

6. How to take out insurance?

To take out insurance products, you must have previously made a quote and obtained an offer code.

The invocation to contracting is similar to quoting, but adding the parameters of the offer code and data of the insurance holder :

- Name
- Surname

- Second surname
- Address
- Population
- Email
- Identification document
- Phone

The details of this invocation to `contratarSeguro` is found into its own section. As a result, the offer code indicated as a parameter and the number of the call will be returned into the response attribute .

7. Weecover API

Before the detailed exposition of the web services, the detail structure of an insurance product will be detailed, as well as how to interpret the list of parameters that we obtain from the web services `obtenerSeguro` (`obtainInsurance`), `obtenerSeguros` (`obtainInsurances`) and `obtenerSegurosDelGrupo` (`ObtainInsurancegroup`).

7.1. Insurance Product Detail

The insurance detail is made up of the following attributes:

Name	Description
<code>codigoSeguro</code>	Insurance product Identifier. This field is necessary to quote and contract
<code>codigoGrupoSeguro</code>	Thematic group to which insurance product belongs .
<code>descripcionGrupoSeguro</code>	Description of the insurance product group
<code>descripcionLargaGrupoSeguro</code>	Extended description of the insurance product group
<code>tooltipGrupoSeguro</code>	Help regarding the insurance product group
<code>nombre</code>	Insurance product name
<code>descripcion</code>	Description of Insurance product
<code>textoCTA</code>	Call To Action text

tooltip	Help regarding Insurance product
precio	Fixed price that does not require a quote. If its returns 0 requires quotation invocation
parametros	List of parameters to be provided to quote / contract as well as their possible values. See the Insurance product paramètres section for details.
complementos	List of optional add-ons that insurance products supports. To add a complement, the complement must be treated as one more parameter.
garantiasIncluidas	List of guarantees included in the insurance product
garantiasNoIncluidas	List of guarantees not included in the insurance product

The `parametros` (parameters) attribute includes the parameters that are necessary to provide to the quoting and contracting methods. This parameters can be of three types: SCALE, RANGE or LISTS

7.1.1. Scalar parameters

The scalar parameters correspond to simple data such address or postcode. To identify this type of parameter, the `tipo` field that will be informed with the literal `SCALE` will be analyzed.

```

},
{
  "tipo": "ESCALAR",
  "nombre": "cpMussap",
  "texto": "Codi postal",
  "id": 9,
  "opcional": false,
  "valor": "08080"
}

```

The following table shows the attributes of this type of parameters .

Name	Description
tipo	SCALAR
nombre	Name of the parameter
texto	Descriptive text associated with the parameter
id	Parameter identifier
opcional	Boolean. Indicates if the field is optional. If it is not sent, the default value indicated in the valor attribute will be taken.
valor	Proposed value

7.1.2. Range parameters

Range parameters indicates that insurance product properties is a numerical value between limits.

```

},
{
  "tipo": "RANGO",
  "nombre": "robo",
  "texto": "Robo",
  "id": 23,
  "opcional": false,
  "valor": 100,
  "valorMinimo": 100,
  "valorMaximo": 1000
},

```

La siguiente tabla muestra los atributos de este tipo de parámetros.

Name	Description
tipo	RANK
nombre	Parameter name
texto	Descriptive text associated with the parameter
id	Parameter identifier
opcional	Boolean Indicates if the field is optional. If it is not sent, the default value indicated in the value attribute will be taken.
valor	Proposed value

valorMinimo	Minimum value that the property can have
valorMaximo	Maximum value that the property can have

7.1.3. Parameters list

The list type parameters are used to select an option within a set. For example, the "specie" parameter into insurance product for animals may contain the types of species that insurance product is able to cover . The following capture shows an example of this parameter with the cat and dog species.

```

{
  "tipo": "LISTA",
  "nombre": "especieMussap",
  "texto": "Especie",
  "id": 5,
  "opcional": true,
  "multiple": false,
  "dependeDeParametroId": null,
  "valor": null,
  "itemList": [
    {
      "id": 1,
      "valor": "1",
      "texto": "Gos",
      "seleccionado": true,
      "dependeDeValorId": null
    },
    {
      "id": 2,
      "valor": "2",
      "texto": "Gat",
      "seleccionado": false,
      "dependeDeValorId": null
    }
  ]
}

```

The following table shows the attributes of this type of parameters.

Name	Description
tipo	LIST
nombre	Parameter name
texto	Descriptive text associated with the parameter
id	Parameter identifier

opcional	Boolean Indicates if the field is optional. If it is not sent, the default value indicated in the value attribute will be taken.
multiple	Indicates whether the list should allow multiple selection of values.
dependeDeParametroId	Indicates the id of the parameter on which it depends or null if there is no dependency
valor	For this type of parameters, always null.
itemList	List of options that make up the list . Each item has: <ul style="list-style-type: none"> • an identifier (id) • a value • a descriptive text • if it has to be selected by default • the id of the value on which it depends (depends on Valued) or null if there is no dependency.

There are some attributes, `dependeDeParametroId` and `dependeDeValorId` (the latter belonging to the items that make up the list) that requires further explanation. These attributes are used to establish dependency relationships between lists. Suppose we have a list of animal species such as the one indicated above. Now let's imagine we have a list of breeds. The list of breeds depends on animal species, since cat breeds are different from those of dogs. In such a scenario, the list that hosts the races would have its attribute `dependeDeParametroId` with the identifier of the list of animal species.

However, the items in the breed list depend on the items in the animal species list, since the "German Shepherd" item in the breed list depends on the "Dog" item in the animal species list. In order to establish such a relationship, the item "German Shepherd" of the list would contain the attribute of the Dog item in the list of animal species depending on its attribute .

The following figure shows these relationships.

```

{
  "tipo": "LISTA",
  "nombre": "especieMussap",
  "texto": "Especie",
  "id": 5,
  "opcional": true,
  "multiple": false,
  "dependeDeParametroId": null,
  "valor": null,
  "itemList": [
    {
      "id": 1,
      "valor": "1",
      "texto": "Perro",
      "seleccionado": true,
      "dependeDeValorId": null
    },
    {
      "id": 2,
      "valor": "2",
      "texto": "Gato",
      "seleccionado": false,
      "dependeDeValorId": null
    }
  ]
},
{
  "tipo": "LISTA",
  "nombre": "razaMussap",
  "texto": "Raza",
  "id": 6,
  "opcional": true,
  "multiple": false,
  "dependeDeParametroId": 5,
  "valor": null,
  "itemList": [
    {
      "id": 140,
      "valor": "138",
      "texto": "Pastor Aleman",
      "seleccionado": false,
      "dependeDeValorId": 1
    }
  ]
}

```

7.1.4. Add-ons

Add-ons are a series of options that allow you to extend insurance coverage .

```

"complementos": [
  {
    "tipo": "COMPLEMENTO",
    "nombre": "rc001",
    "texto": "Incorpora cobertura de responsabilidad civil (obligatoria para raza peligrosa) por 170 mil euros por",
    "id": 18,
    "opcional": true,
    "valor": "false",
    "tooltip": "Tooltip complemento RC MASCOTAS CAS"
  }
],

```

Each add-on has the following attributes:

Name	Description
tipo	COMPLEMENT
nombre	Complement Name
texto	Descriptive text of the complement
id	Parameter identifier
opcional	true
valor	Proposed value . It can be true or false
tooltip	Help text for the add-in

If you want to include the supplement when it comes to quoting / contracting the insurance, it must be added to the parameter list as if it were one more parameter.

```

{
  "nombre": "cp001",
  "valor": "08020"
},
{
  "nombre": "raza001",
  "valor": "19"
},
{
  "nombre": "rc001",
  "valor": "true"
}

```

7.2. ObtenerSeguros

The ObtenerSeguros endpoint returns the list of insurance products accessible by the caller.

The call need to be made will be: `http://<baseURL>/api/<version>/obtenerSeguros`

To make this call, the following parameters must be provided:

Name	Description
codigoCliente	Customer Code It must be provided by Weecover
password	Customer Password It must be provided by Weecover
idioma	Language to recover literals.

transaccionId	Optional. Alphanumeric string that identifies the user.
---------------	---

Response is obtained like a JSON described in Reply Structures section, where the attribute "response" is a list of insurance products according to the description given in Insurance Product Details section.

7.3. ObtenerSeguro

The endpoint obtenerSeguro, has a similar operation to obtenerSeguros except that only the required insurance product detail is returned.

The call need to be made will be: `http://<baseURL>/api/<version>/obtenerSeguro`

To make this call, the following parameters must be provided:

Name	Description
codigoCliente	Customer Code It must be provided by Weecover
password	Customer Password It must be provided by Weecover
codigoSeguro	Insurance code to get the detail
idioma	Language to recover the literals.
transaccionId	Optional. Alphanumeric string that identifies the user.

Response is obtained like a JSON described in Reply Structures section, where the attribute "response" is the detail of insurance product.

7.4. ObtenerSegurosDelGrupo

The ObtenerSegurosDelGrupo endpoint returns the list of insurance products belonging to the indicated thematic group, to which the caller has access

The call need to be made will be
`http://<baseURL>/api/<version>/getSegurosDelGrupo`

To make this call, the following parameters must be provided:

Name	Description
codigoCliente	Customer Code It must be provided by Weecover
password	Customer Password It must be provided by Weecover
codigoGrupoSeguro	Insurance group code to get your insurance
idioma	Language to recover literals.
transaccionId	Optional. Alphanumeric string that identifies the user.

Response is obtained like a JSON described in Reply Structures section, where the attribute "response" is a list of insurance products according to the description given in Insurance Product Details section.

7.5. tarificaSeguro

This endpoint allows to obtain the insurance product quote.

The call need to be made will be `http://<baseURL>/api/<version>/tarificaSeguro`

To perform this invocation, the following parameters must be provided:

Name	Description
codigoCliente	Customer Code It must be provided by Weecover
password	Customer Password It must be provided by Weecover
codigoSeguro	Insurance code to get the detail
transaccionId	Optional. Alphanumeric chain for traceability purposes .
parametros	It corresponds to a list of doubles with the attributes parameter name and value.

The list of parameters must be formed from the parameters returned in any of the calls to the webservices `obtenerSeguros`, `obtenerSeguro` or `obtenerSegurosDelGrupo`.

As an example , if into the detail of an insurance we had the parameter:

```
{
  "tipo": "ESCALAR",
  "nombre": "cpMussap",
  "texto": "Código Postal",
  "id": 9,
  "opcional": false,
  "valor": "08080"
}
```

In the list of parameters of the call to `tarificaSeguro`, we should include this item:

```
{
  "nombre": "cpMussap",
  "valor": "08020"
},
```

Where `valor` is the content of the parameter and `nombre` corresponds to the name of the parameter.

In the case of lists, the construction of items are similar:

```
{
  "tipo": "LISTA",
  "nombre": "especieMussap",
  "texto": "Especie",
  "id": 5,
  "opcional": true,
  "multiple": false,
  "dependeDeParametroId": null,
  "valor": null,
  "itemList": [
    [
      {
        "id": 1,
        "valor": "1",
        "texto": "Perro",
        "seleccionado": true,
        "dependeDeValorId": null
      },
      {
        "id": 2,
        "valor": "2",
        "texto": "Gato",
        "seleccionado": false,
        "dependeDeValorId": null
      }
    ]
  ]
},
```

Response is obtained like a JSON described in the Structures of responses section where the "response" attribute contains the price and the offer code. This value is important to keep it in order to make the subsequent contracting of insurance.

```

{
  "success": true,
  "errorCode": null,
  "exceptionClassName": "",
  "exceptionMessage": "",
  "exceptionTrace": "",
  "response": {
    "precio": 46.82,
    "codigoOferta": "78"
  },
  "transaccionId": "TEST-WIDGET"
}

```

7.6. contrataSeguro

This endpoint allows insurance product contracting .

The call need to be made will be `http://<baseURL>/api/<version>/contrataSeguro`

To perform this invocation, the following parameters must be provided:

Name	Description
codigoCliente	Customer Code It must be provided by Weecover
password	Customer Password It must be provided by Weecover
codigoSeguro	Insurance code to get the detail
transaccionId	Optional. Alphanumeric chain for the purposes of traceability
codigoOferta	Offer code. This value is obtained in response to an invocation to be quoted.
documento	Identity document (NIF, NIE etc)
nombre	Name of the holder / payer
primerApellido	First name / payer
segundoApellido	Second surname of the holder / payer
direccion	Holder / payer address

poblacion	Holder / payer population
telefono	Holder / Payer Phone
mail	Email of the holder / payer
parametros	It corresponds to a list of doubles with the attributes parameter name and value. Follow the same criteria as in quoting

A JSON file is obtained as described in Structures of responses section, where the attribute "response" contains the values offer code and the number of policy issued by the insurer.

```

{
  "success": true,
  "errorCode": null,
  "exceptionClassName": "",
  "exceptionMessage": "",
  "exceptionTrace": "",
  "response": {
    "codigoOferta": "57",
    "poliza": "47"
  },
  "transaccionId": "TEST-WIDGET"
}

```

8. Summary of API invocations

The endpoints for each API method are summarized below. Each endpoint must be prefixed by the base URL corresponding to the development, test or production environment

Name	Endpoint
ObtenerSeguro	/api/1/obtenerSeguro
ObtenerSeguros	/api/1/obtenerSeguros
ObtenerSegurosDelGrupo	/api/1/obtenerSegurosDelGrupo
TarificaSeguro	/api/1/tarificaSeguro
ContrataSeguro	/api/1/contrataSeguro