

PHOBS[®]

POST/GET

IBE communication

Version 1.2

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Document status

Version	Date	What was changed	Initials
1.00	2008/10/24	First release of document	VŠ
1.01	2008/10/24	For GET method: <ul style="list-style-type: none">◆ partners_access◆ view_cancel	NK
1.02	2008/12/08	Distribution channel ID	VŠ
1.03	2009/11/17	Echo	VŠ
1.04	2010/08/20	RateTypeID and PackageID	VŠ
1.1	2013/06/21	Pax & guest definitions	VŠ
1.2	2015/07/17	Unit ID (Room ID)	VŠ

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Please note:

These specs are preliminary and will be enhanced after successful beta testing. Nevertheless the specs can be used at this stage as the status of the interface can be frozen.

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Introduction

Purpose

This document defines communication between PHOBS booking engine and HTML form and/or HTML link based on POST or GET HTTP method of communication.

Scope

This document defines a common implementation of HTML code on client web site necessary for web booking engine normal operation and is designed as a guide for project managers, programmers, and web designers to gain detailed information needed to implement this HTML code.

Implementation guide

Web form (POST method)

Implementation of web form requires minimal modification of client's web pages.

- ◆ Copy and paste HTML code
- ◆ Upload JavaScript
- ◆ Modify CSS (optional)

HTML code

HTML code that has to be implemented on your web site is simple form that will send all needed information to start booking process. This information will identify your property to booking engine and set various guest preferences.

List of form fields needed to start booking process:

Field name	Value type	Mandatory fields	Comment
company_id	string(32)	Y	Identification of company. Company code is provided by PHOBS support team.
hotel	string(32)	Y	Identification of hotel Hotel codes are provided by PHOBS support team. In case hotel code is left empty, all properties within company will be checked for availability.
check_in_day check_in_month check_in_year	int	Y	Will set check in date for guest. Dates in past are not valid dates and will produce errors.
nights	int	Y	Will set check-out date for guest. Number of nights must be <i>greater than zero</i> .
view_cancel	bool	N	Will redirect user to View/Cancel/Modify reservation interface.
partners_access	string(20)	N	Access code for corporate clients.

lang	string(2)	N	Sets language version of user interface. Two letter language codes will be provided by PHOBS support team. If omitted, interface defaults to english.
iframe_setup	bool	N	Overrides behavior of user interface. If set to 1 booking engine inside HTML IFrame is presumed. If set to 0 booking engine inside pop-up window is presumed.
distribution_channel_id	string(32)	N	Distribution channel tracking ID This field is mandatory for all distribution channel / virtual front desk usage.
echo	string(160)	N	Echo value. This value will be returned for analytics engines. Note that all values will be stripped from HTML tags. All un standards characters will be transformed in it HTML equivalent (URL encoded).
referer	string	N	Referrer URL in order to add additional GA tracking configurability.
rate	int	N	Rate type ID If sent will filter out availability list for specific rate type ID.
package	int	N	Package ID If sent will filter out availability list for specific package ID
unit_id	int	N	Unit ID If sent will filter out availability list for specific unit ID
property_type	string	N	Specify property type filtration, depending on supported property configuration with company or defined group of properties. Supported types: <ul style="list-style-type: none"> ◆ hotel ◆ camp ◆ apart ◆ mobilehomes ◆ tourist_vilage ◆ villa Multiple types can be sent through same property type filed by using pipe (). <i>Example:</i> <i>property_type=hotel camp</i> <i>Will return hotel and camp</i>
destination	string	N	Specify property destination filtration, depending on supported property configuration with company or defined group of properties. Multiple destinations can be sent through same property destination filed by using pipe ().
rating	integer	N	Specify property category filtration, depending on supported property configuration with company or

			defined group of properties. Supported enumerations: 0-5 Note: 0 specifies uncategorized. Multiple categories can be sent through same property rating filed by using pipe ().
facility	string	N	Specify facility / amenity filtration, depending on supported property configuration with company or defined group of properties. Multiple amenities can be sent through same property facility filed by using pipe ().
currency	string(3)	N	Currency flag. Currency flag will be taken in consideration only if supported by properties.
phobs_skin	string(32)	N	Phobs skin option, if supported
phobs_template	string(32)	N	Phobs template option, if supported
firstpage	bool	N	Enables 'jump to first page' mode. If selected Phobs will not check availability of properties, but immediately transfer guest to first page in order to set check-in and check-out dates..
unit_select	bool	N	Activate unit selection filtration. In order to verify send unit filtration, unit selection has to be sent as 1.
units	integer	N	Number of selected units to predefine filter.
adults[x]	integer	N	Number of adults, where x defines order number of unit. For example: adults[1]=2 defines 2 adults in first room adults[2]=1 defines 1 adult in second room, etc.
chd[x]	integer	N	Number of children, where x defines order number of unit.
chdage[x][y]	integer	N	Child age, where x defines order number of unit, y defines order number of child within same unit. For example: chdage[1][1]=7 defines age of 7 year old for 1 child in first unit. chdage[1][2]=10 defines age of 10 years old for second child in first unit.

It is allowed to setup check out through separate check out drop down boxes. If so, following fields should be provided instead **nights** form field.

Field name	Value type	Mandatory fields	Comment
check_out_day check_out_month check_out_year	int	Y	Will set check out date for guest. Dates in past are not valid dates and will produce errors. Check out date has to be greater than check in date.

Another form of check in / check out drop down list can save up a space if space for web form is very limited:

Field name	Value type	Mandatory fields	Comment
check_in_day	int	Y	Defines only day of the guest arrival

check_in_year_month	string Y-M	Y	Defines both month and year of the guest arrival, where Y-M are both integers: 2008-5 or 2008-11
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HTML link (GET method)

Communication with web booking engine by HTML link (GET method) is advisable in following situations:

- ◆ Call booking engine by clicking on banner
- ◆ Call booking engine by clicking on link
- ◆ Communicate with booking engine through HTML I-Frame

Similar to POST method some fields are mandatory, but you can leave out most of them. In such situation booking engine will default to values presented in table.

GET variable name	Variable type	Mandatory	Comment
company_id	string(32)	Y	Identification of company. Company code is provided by PHOBS support team.
hotel	string(32)	N	Identification of hotel Hotel codes are provided by PHOBS support team. In case hotel code is omitted, all properties within company will be checked for availability of date provided.
date	YYYY-MM-DD	N	Will check availability for provided date. If hotel code is provided only availability for selected property will be checked.
nights	integer	N	Number of nights for guest stay. If omitted defaults to 1 night.
lang	string(2)	N	Sets language version of user interface. Two letter language codes will be provided by PHOBS support team. If omitted, interface defaults to English.
partners_access	string(20)	N	Access code for corporate clients or promotional code of promo rate plans.
view_cancel	bool	N	Will redirect user to View/Cancel/Modify reservation interface.
iframe_setup	bool	N	Overrides behavior of user interface. If set to 1 booking engine inside HTML IFrame is presumed. If set to 0 booking engine inside pop-up window is presumed.
distribution_channel_id	string(32)	N	Distribution channel tracking ID This field is mandatory for all distribution channel / virtual front desk usage.
echo	string(160)	N	Echo value. This value will be returned for analytics engines. Note that all values will be stripped from HTML tags.

			All un standards characters will be transformed in it HTML equivalent (URL encoded).
referer	string	N	Referrer URL in order to add additional GA tracking configurability.
rate	integer	N	Rate type ID If sent will filter out availability list for specific rate type ID.
package	integer	N	Package ID If sent will filter out availability list for specific package ID
unit_id	integer	N	Unit ID If sent will filter out availability list for specific unit ID
property_type	string	N	Specify property type filtration, depending on supported property configuration with company or defined group of properties. Supported types: <ul style="list-style-type: none"> ◆ hotel ◆ camp ◆ apart ◆ mobilehomes ◆ tourist_vilage ◆ villa Multiple types can be sent through same property type filed by using pipe (). <i>Example:</i> <code>property_type=hotel camp</code> <i>Will return hotel and camp</i>
destination	string	N	Specify property destination filtration, depending on supported property configuration with company or defined group of properties. Multiple destinations can be sent through same property destination filed by using pipe ().
rating	integer	N	Specify property category filtration, depending on supported property configuration with company or defined group of properties. Supported enumerations: 0-5 <i>Note: 0 specifies uncategorized.</i> Multiple categories can be sent through same property rating filed by using pipe ().
facility	string	N	Specify facility / amenity filtration, depending on supported property configuration with company or defined group of properties. Multiple amenities can be sent through same property facility filed by using pipe ().
currency	string(3)	N	Currency flag. Currency flag will be taken in consideration only if supported by properties.
phobs_skin	string(32)	N	Phobs skin option, if supported

phobs_template	string(32)	N	Phobs template option, if supported
firstpage	bool	N	Enables 'jump to first page' mode. If selected Phobs will not check availability of properties, but immediately transfer guest to first page in order to set check-in and check-out dates..
unit_select	bool	N	Activate unit selection filtration. In order to verify send unit filtration, unit selection has to be sent as 1.
units	integer	N	Number of selected units to predefine filter.
adults[x]	integer	N	Number of adults, where x defines order number of unit. <i>For example: adults[1]=2 defines 2 adults in first room adults[2]=1 defines 1 adult in second room, etc.</i>
chd[x]	integer	N	Number of children, where x defines order number of unit.
chdage[x][y]	integer	N	Child age, where x defines order number of unit, y defines order number of child within same unit. <i>For example: chdage[1][1]=7 defines age of 7 year old for 1 child in first unit. chdage[1][2]=10 defines age of 10 years old for second child in first unit.</i>

The following link examples use demo account. To customize links to your needs don't forget to replace **www.phobs.net/demo** with **secure.phobs.net**

Link Example 1

```
<A href="http://www.phobs.net/demo/booking.php?
company_id=df2b5828eff5205de497d2b352f2dec4
&hotel=
&date=2015-07-01">Company + date</A>
```

Will check availability for all properties inside company for selected date and 1 night stay

Link Example 2

```
<A href=" http://www.phobs.net/demo/booking.php?
company_id=df2b5828eff5205de497d2b352f2dec4
&hotel=4973f4a95a4e44caa1609f99b11a7545
&date=2015-07-01
&nights=3">Company, hotel and date (2008/12/01) + 3 nights</A>
```

Will check availability for only selected property, date and 3 nights stay

Link Example 3 - Package

```
<A href=" http://www.phobs.net/demo/booking.php?
company_id=df2b5828eff5205de497d2b352f2dec4
&hotel=4973f4a95a4e44caa1609f99b11a7545
&date=2015-07-06
&nights=3
&lang=en
&package=78"> Company + hotel + date (2011/07/06) + 3 nights + english language + package ID</A>
```

Will check availability for selected property, date and 3 nights stay on English language for the package with id of 78. Package ID can be found in the column ID left to the package name located under "Packages/promotions". Only selected package will be displayed for further booking.

Link Example 4 - Rate

```
<A href="http://www.phobs.net/demo/booking.php?
company_id=df2b5828eff5205de497d2b352f2dec4
&hotel=4973f4a95a4e44caa1609f99b11a7545
&date=2015-07-06
&nights=3
&lang=en
&rate=319"> Company + hotel + date (2011/07/06) + 3 nights + english language + rate ID </A>
```

Will check availability for selected property, date and 3 nights stay on English language for the rateplan with id of 319. Rateplan ID can be found in backoffice on the left side near the rate plan name located under "Rate plans". Only selected rate plan will be displayed for further booking.

Link Example 5 – guest selection

```
<A href="http://www.phobs.net/demo/booking.php?
company_id=df2b5828eff5205de497d2b352f2dec4
&hotel=4973f4a95a4e44caa1609f99b11a7545
&date=2015-07-01
&nights=3
&unit_select=1
&units=1
&adults[1]=2
&lang=hr" onClick="return openPHOBS(this)">Book 1 room for 2 persons</A>
```

Will check availability for 2 adults in 1 room.

```
<A href="http://www.phobs.net/demo/booking.php?
company_id=df2b5828eff5205de497d2b352f2dec4
&hotel=4973f4a95a4e44caa1609f99b11a7545
&date=2015-07-01
&nights=3
&unit_select=1
&units=2
&adults[1]=2
&chd[1]=1
&chdage[1][1]=6
&adults[2]=1
&chd[2]=2
&chdage[2][1]=3
&chdage[2][2]=10
&lang=hr" onClick="return openPHOBS(this)">Book 1 room for 2 persons</A>
```

Will check availability using definition for two rooms. In first room there are 2 adults and 1 child (age: 6). In second room there are 1 adult and 2 children, first child age 3 and second child age 10 for the same room.

Form example

```
<form action="http://www.phobs.net/test/booking.php" method="post" id="phobs_book"
name="phobs_book" target="_blank"
onsubmit="return checkReservation()">
<p>
  <select name="hotel" size="1" class="hotel">
    <option value="-">Accommodation:</option>
    <option value="4973f4a95a4e44caal609f99b11a7545" selected="selected">Palm Tree Hotel</option>
    <option value="8ff44ff59837b66d3b370222a3350a79">Small Coconut hotel</option>
    <option value="b7f4bbbf592db9bed8e915c544504cbc">Kamp</option>
  </select>
</p>
<p>
  Check in date:<br>
  <select name="check_in_day" size="1">
    <option value="1">01</option>
    <option value="2">02</option>
    <option value="3">03</option>
    <option value="4">04</option>
    <option value="5">05</option>
    <option value="6">06</option>
    <option value="7">07</option>
    <option value="8">08</option>
    <option value="9">09</option>
    <option value="10">10</option>
    <option value="11">11</option>
    <option value="12">12</option>
    <option value="13">13</option>
    <option value="14">14</option>
    <option value="15">15</option>
    <option value="16">16</option>
    <option value="17">17</option>
    <option value="18">18</option>
    <option value="19">19</option>
    <option value="20">20</option>
    <option value="21">21</option>
    <option value="22">22</option>
    <option value="23">23</option>
    <option value="24">24</option>
    <option value="25">25</option>
    <option value="26">26</option>
    <option value="27">27</option>
    <option value="28">28</option>
    <option value="29">29</option>
    <option value="30">30</option>
    <option value="31">31</option>
  </select>
  <select name="check_in_month" size="1">
    <option value="1">01</option>
    <option value="2">02</option>
    <option value="3">03</option>
    <option value="4">04</option>
    <option value="5">05</option>
    <option value="6">06</option>
    <option value="7">07</option>
    <option value="8">08</option>
    <option value="9">09</option>
    <option value="10">10</option>
    <option value="11">11</option>
    <option value="12">12</option>
  </select>
  <select name="check_in_year" size="1">
    <option value="2015">2015</option>
    <option value="2016">2016</option>
  </select>
</p>
</P>
<p>
  Nights:<br>
  <select name="nights" size="1">
    <option value="1">1</option>
    <option value="2">2</option>
    <option value="3">3</option>
    <option value="4">4</option>
  </select>
</p>
```

```
<option value="5">5</option>
<option value="6">6</option>
<option value="7">7</option>
<option value="8">8</option>
<option value="9">9</option>
<option value="10">10</option>
<option value="11">11</option>
<option value="12">12</option>
<option value="13">13</option>
<option value="14">14</option>
<option value="15">15</option>
<option value="16">16</option>
<option value="17">17</option>
<option value="18">18</option>
<option value="19">19</option>
<option value="20">20</option>
<option value="21">21</option>
<option value="22">22</option>
<option value="23">23</option>
<option value="24">24</option>
<option value="25">25</option>
<option value="26">26</option>
<option value="27">27</option>
<option value="28">28</option>
<option value="29">29</option>
<option value="30">30</option>
<option value="31">31</option>
</select>
<input name="book" type="submit" value="Check &raquo;" class="button">
</p>
<p>
<input name="company_id" type="hidden" value="df2b5828eff5205de497d2b352f2dec4" style="display: none">
<input name="distribution_channel_id" type="hidden" value="333b5828eff5205de497d2b352f2dec4" style="display: none">
</p>
<p>
Access code (optional):<br>
<input name="partners_access" type="password" size="20" maxlength="20" value="" class="access_code">
</p>
<p>
<a href="http://secure.phobs.net/booking.php?company_id=df2b5828eff5205de497d2b352f2dec4&view_cancel=1&distribution_channel_id=333b5828eff5205de497d2b352f2dec4&phobs_skin=76e1d23729bcbf8926bc97c63a89185f" class="view_cancel" target="_blank" onclick="return viewCancelBooking(this)">My reservation &raquo;</a></p>
<input name="view_cancel" type="hidden" value="" style="display: none">
<input name="lang" type="hidden" value="hr" style="display: none">
<!-- Skin Override #START -->
<INPUT name="iframe_setup" type="hidden" value="0">
<INPUT name="phobs_skin" type="hidden" value="76e1d23729bcbf8926bc97c63a89185f">
<!-- Skin Override #END -->
<!-- ECHO #START -->
<INPUT name="echo" type="hidden" value="language=jp&domain=www.my-domain.com">
<!-- ECHO #END -->
<!-- RATE #START -->
<INPUT name="rate" type="hidden" value="123">
<!-- RATE #END -->
<!-- PACKAGE #START -->
<INPUT name="package" type="hidden" value="321">
<!-- PACKAGE #END -->
<!-- UNIT #START -->
<INPUT name="unit_id" type="hidden" value="456">
<!-- UNIT #END -->
</form>

<script language="javascript" type="text/javascript">
/*
* PHOBS - form setup
*/

phobsSetupForm();

</script>
```

JavaScript

In previous example at the end of HTML code small portion of JavaScript code is executed. In order to run JavaScript code without errors, JavaScript file has to be defined inside of HEAD section of client's web page(s).

```
<script type="text/javascript" src="phobs.js"></script>
```

This script will setup check-in (check-out) drop down boxes according to today date and call pop-up window in proper form. Pop-up window call is an option if booking engine is run in I-Frame.

CSS

In order to apply design to web form you can use CSS rules. As long as DOM id structure of web form is maintained, and all design is applied through class attributes, the form will continue to work without errors.

For any additional help, feel free to contact our support.