



# Embedding Documentation Ypsilon.Net

## Change history

<b>Version</b>	<b>Type</b>	<b>Author</b>	<b>Date</b>
1.0	Creation	H. Thurat	10.12.2009
1.1	Enhancement for iFrame re-sizing	M. Keim	19.02.2010
1.2	Corrections in iFrame section	M. Keim	24.02.2010
1.3	Car and Hotel added	M. Keim	02.03.2010
1.4	New Iframe resizing script description	G. Bernat	08.04.2010
1.5	Corrected wrong quotes within html examples caused by MS WORD replacement function	S. Moshar	07.01.2011



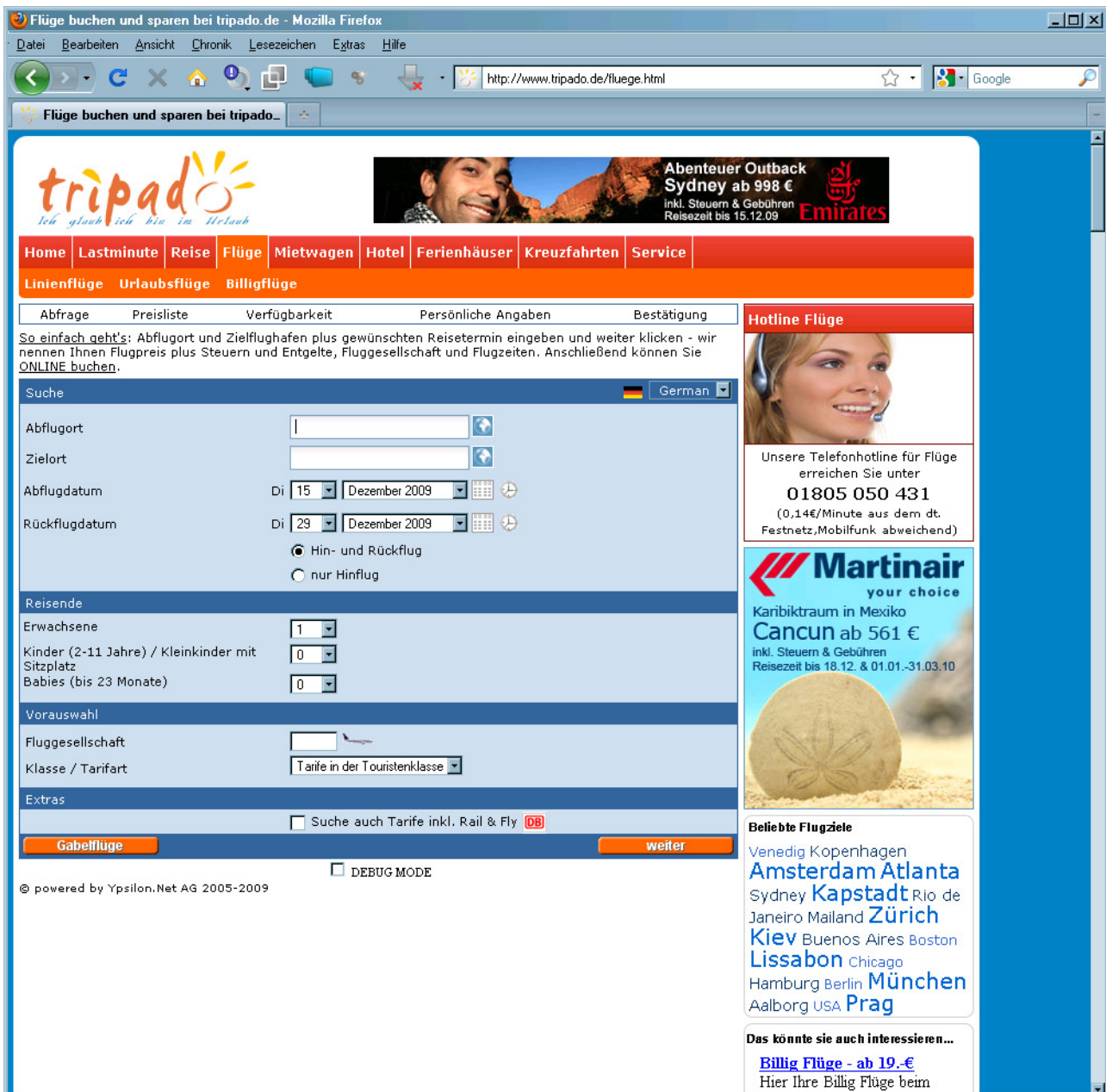
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# Introduction

The FlightIBE has various options to customize your page layout via css stylesheets and customized text phrases. In case that these options don't fit your needs, you have two choices to embed the IBE into your framework:

- IFrame Solution
- Special customization with “snippets” (external files)



Img 1 - IFrame tripado.de

flight booking engine - TUI Austria neue IBE - Mozilla Firefox

http://lweb33.ypsilon.net/index.php?agent=xxxxx

**TUI.at** Urlaub von der schönsten Seite.

Reisen Marken Themen **NEU** Fotoservice Service TUI-Kataloge Reiseinfos Über uns

Abfrage Preisliste Verfügbarkeit **Persönliche Angaben** Bestätigung

So einfach geht's: Abflugort und Zielflughafen plus gewünschten Reisetermin eingeben und weiter klicken - wir nennen Ihnen Flugpreis plus Steuern und Entgelte, Fluggesellschaft und Flugzeiten. Anschließend können Sie [ONLINE buchen](#).

**Suche** German

Abflugort

Zielort

Abflugdatum Di 15 Dezember 2009

Rückflugdatum Di 29 Dezember 2009

Hin- und Rückflug  
 nur Hinflug

**Reisende**

Erwachsene 1

Kinder (2-11 Jahre) / Kleinkinder mit Sitzplatz 0

Babies (bis 23 Monate) 0

**Vorauswahl**

Fluggesellschaft

Klasse / Tarifart Tarife in der Touristenklasse

**Extras**

Nur direkte Flüge  
 Flexible Reisedaten

**Gabelflüge** **Flüge suchen**

DEBUG MODE  
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Img 2 - snippets tui.at

## **iFrame-solution**

You can layout your page and include an IFrame-Tag which will call the FlightIBE.

### **Advantages:**

- Fast and easy implementation of FlightIBE in corporate page
- Control over style sheets and images in the html page embedding the IFrame-Tag
- Easy changes (just leave the IFrame-Tag untouched)
- Only the FlightIBE-part changes during booking process (no need to reload the whole page)

### **Disadvantages:**

- Own server or hosting package is required
- The IFrame may display scrollbars which might disturb the user/layout
- Problems with bookmarking
- If the calling page isn't invoked with the https-protocol the user might not trust the page because a https-symbol (lock, coloured url line) is missing (although the booking process is ssl-secured)

## ***Embedding an iFrame resizing script***

One of the biggest disadvantages of the iFrame implementation is the fact that scrollbars will appear if the content in the iFrame gets bigger than the iFrame itself.

To get rid of this, we developed a resizing script which is already implemented in every IBE. To make use of it you just need to implement our JavaScript (see code sample below).

Page with implemented IBE:

```
<html>
  <head>
    Some head block
  </head>
  <body>
    <iframe
      id="ifBE1"
      name="@http://link.to.file.on.your.server/resize.html"
      src="http://hotelweb.ypsilon.net/?agent=YourYpsilonAgencyID"
      .
      .
      .
      width="100%"
      style="border: 0px; margin: auto;"
      scrolling="no"
    >
  </iframe>
</body>
</html>
```

Content of resize.html file (on customer's server)

```
<script type="text/javascript">
  function querySt(ji) {
    hu = window.location.search.substring(1);
    gy = hu.split("&");
    for (i=0;i<gy.length;i++) {
      ft = gy[i].split("=");
      if (ft[0] == ji) {
        return ft[1];
      }
    }
  }
  var height = querySt('height');
  try {
    window.parent.parent.document.getElementById("ifBE1").height = height+'px';
  } catch (e) {
  }
</script>
```

### **Notice:**

The resize.html file must be placed on your server inside any dir with public access.

According to what IBE you want to implement (flight, hotel or car) the url to IBE changes:

- Flight IBE: <http://flweb.ypsilon.net/index.phtml/?agent=YourYpsilonNetAgencyID>
- Hotel IBE: <http://hotelweb.ypsilon.net/?agent=YourYpsilonNetAgencyID>
- Car IBE: <https://carweb2.ypsilon.net/newfrontend/?aid=YourYpsilonNetAgencyID>

## Special customization with “snippets” (external files)

This solution delivers the normal IBE page with a custom header-, body- and footer-part. This custom html parts are called “snippets”. They fit seamlessly into the IBE page. To use this solution at least basic html knowledge is required.

A normal html page consists of two parts:

- 1) The page header (everything between these tags: <head>...</head>)
- 2) The page body (everything between these tags: <body>...</body>)

The content of the IBE is rendered in the body-part.

We have prepared three locations in the default page template to include custom html text (examples for all parts can be found in the appendix):

**To include a snippet in the desired location (Header, Body, Footer) you have to provide a valid URL (e.g.: <https://myagent.com/includes/header.php>) from your server.**

This URL points to a static (plain text file) or dynamically generated file (php script, aspx script).

The implementation of the URL(s) is done by Ypsilon.net AG. If a customer has full access to the language tool he can administer the links himself.

### Advantages:

- IBE is fully embedded in customer layout (the visitor gets one single page)
- resources like images, scripts and stylesheets can be modified by the customer at any time
- page can be bookmarked normally by user/visitor

### Disadvantages:

- Own server or hosting package for snippets and resources needed
- HTML knowledge is mandatory

htmlVers	de_DE FLT_B2C			default	  
Inbound_Airport_Restriction	de_DE FLT_B2C		Zielflughafen @1 @ ist nicht erlaubt Bitte kontaktieren Sie uns per E-Mail oder telefonisch, um zu buchen.	default	  
Includequicksranch	de_DE FLT_B2C			default	  
IncludeSite	de_DE FLT_B2C		<a href="https://myagent.com/includes/header.php">https://myagent.com/includes/header.php</a>	agent.	  
IncludeSiteFooter	de_DE FLT_B2C		<a href="https://myagent.com/includes/footer.php">https://myagent.com/includes/footer.php</a>	agent.	  
IncludeSiteHeader	de_DE FLT_B2C		<a href="https://myagent.com/includes/body.php">https://myagent.com/includes/body.php</a>	agent.	  
infantsK	de_DE FLT_B2C		Babies	default	  
infants_0_23	de_DE FLT_B2C	Kleinkinder (0 bis 23 Monate):	Babies (bis 23 Monate)	default	  
InfoBar1	de_DE FLT_B2C		&nbsp;	default	  
InfoBar2	de_DE FLT_B2C		Tel. 01 805 - 185 888</div> (0,14 &euro;/Min. aus dem Festnetz, ggf. andere Preise aus dem Mobilfunknetz)	default	  
InfoBar3	de_DE FLT_B2C		Hilfe & Tipps - FAQ	default	  

Img 3 – language tool

## ***IncludeSiteHeader***

This is an invisible part in the <head>...</head> part where meta tags, stylesheets and javascript is defined.

### **Allowed html-tags:**

- <link> (for external stylesheets)
- <style> (for inline stylesheets)
- <script> (for javascript)
- <meta> (for meta tags)

### **Disallowed html-tags:**

- <title>,</title>
- <head>,</head>
- <body>,</body>
- <html>,</html>
- any other tag which doesn't belong in the <head>...</head> part  
(see: <http://de.selfhtml.org/> )
- a DocType definition e.g.:  
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
- a charset definition (will be set by the IBE) e.g.:  
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">

**Pay attention that all resources (images, external stylesheets, external javascript)**

## ***IncludeSite***

This part starts after the opening <body>-tag in the html page. Normally a navigational menu is included here.

After the IncludeSite-part the output of the IBE follows in one block.

## ***IncludeSiteFooter***

This part follows the IBE output block. Normally you will put a footer with additional navigation and all the legal links in there.

## **Language system**

The language system can directly be accessed by the following link:

<http://flweb30.ypsilon.net/langedit.php>

To access the language system a special user is required per agent. The user can be requested at [info@ypsilon.net](mailto:info@ypsilon.net). The following information is required to set up a language user and should be sent within the request for permission:

AgencyID, ConsolID, IBE type (e.g. car, hotel or flight), IBE language (ISO Code e.g. de\_DE, en\_GB)

Based on the type of the IBE the snippet-URLs have to be entered on different pages:

### **FlightIBE**

Website: Flights B2C

Page(s): index, pricelist, booking

Text Id(s): IncludeSiteHeader, IncludeSite, IncludeSiteFooter

### **Hotel IBE**

Website: Hotel B2C

Page: common

Text Id(s): IncludeSiteHeader, IncludeSite, IncludeSiteFooter

### **Car IBE**

Website: Car B2C

Page(s): 1\_page, 2\_page, 3\_page, 4\_page, 5\_page

Text Id(s): IncludeSite, IncludeSiteFooter (Please use IncludeSite for the header URL)

Search

Conso: default Agent: default Website: Flights B2C Language: German

Page: index

Text Id: Old Id: Wildcard Text (min 5 char):

Order by: TextId No. Results: ALL

Search

Logout

newTextId

Results

Text Id	Lang	Website	Old Id	Phrase	Def/Cust
1_Day	de_DE	FLT_B2C		+1 Tag	default
2_Days	de_DE	FLT_B2C		+2 Tage	default
3ds_Redirection_Failed	de_DE	FLT_B2C		Ihre 3-D Secure VISA/MasterCard Authentifikation bzw. Online-Zahlung ist fehlgeschlagen!	default
adultminiText	de_DE	FLT_B2C		Erw.	default
Adults	de_DE	FLT_B2C	Erwachsene	Erwachsene	default
AdultsK	de_DE	FLT_B2C		Erw.	default
AgbTextUS	de_DE	FLT_B2C		Ich habe die Datenschutzvorschriften hinsichtlich der Übermittlung der PNR-Daten an US-amerikanische Behörden gelesen und erkläre mich damit einverstanden.	default
htmlVers	de_DE	FLT_B2C			default
Inbound_Airport_Restriction	de_DE	FLT_B2C		Zielflughafen @1 @ ist nicht erlaubt! Bitte kontaktieren Sie uns per E-Mail oder telefonisch, um zu buchen.	default
Includequickserach	de_DE	FLT_B2C			default
IncludeSite	de_DE	FLT_B2C	https://myagent.com/includes/header.php		agent.
IncludeSiteFooter	de_DE	FLT_B2C	https://myagent.com/includes/footer.php		agent.
IncludeSiteHeader	de_DE	FLT_B2C	https://myagent.com/includes/body.php		agent.
infantsK	de_DE	FLT_B2C		Babies	default
Infants_0_23	de_DE	FLT_B2C	Kleinkinder (0 bis 23 Monate):	Babies (bis 23 Monate)	default
InfoBar1	de_DE	FLT_B2C		&nbsp;	default
InfoBar2	de_DE	FLT_B2C		Tel. 01805 - 185 888</div> (0,14 &euro;/Min. aus dem Festnetz, ggf. andere Preise aus dem Mobilfunknetz)	default
InfoBar3	de_DE	FLT_B2C		Hilfe & Tipps - FAQ	default

Img 4 – language tool

If the agent is using several languages the snippet-URLs have to be entered for each language separately.

Please be aware that changes in the language system may not be viewable immediately in the IBE: It can take up to 10 minutes until the change in the language system has been synchronized on all servers.

### Important information

Invalid html mark-up or JavaScript can destroy the layout of the displayed page or make it unusable!

Remember that these are snippets and not a full html page. So omit <html>,<head>,<body> tags (see above). The external file may be static or dynamically generated (e.g. plain text file, php or aspx script).

**Attention:** All resources (style sheets, JavaScript, images, flash files) which are included in the page have to use the https-protocol. Otherwise a warning message will popup in the browser.

## Examples of CORRECT snippets

### Example content IncludeSiteHeader

```
<!-- external stylesheet, absolute url and https protocol, these definitions overwrite FlightIBE defs -->
<link rel="stylesheet" type="text/css" href="https://myagent.com/styles/stylesheet.css">

<!-- inline styles -->
<style>
    .my_class { color: red; }
    #my_id { background-color: #efefef;}
</style>

<!-- external javascript -->
<script type="text/javascript" src="https://myagent.com/js/myjavascript.js"></script>

<!-- internal javascript -->
<script type="text/javascript">
    var resolution = 1024;

    function message(msg) {
        alert(msg);
    }
</script>

<!-- browser conditional css -->
    <!--[if IE]>
    <link rel="stylesheet" type="text/css" href="https://myagent.com/css/ie.css" media="screen" />
    <![endif]-->
    <!--[if IE 7]>
    <link rel="stylesheet" type="text/css" href="https://myagent.com/css/ie7.css" media="screen" />
    <![endif]-->

<!-- meta tags -->
<meta http-equiv="imagetoolbar" content="no" />
<meta name="author" content="myagent.com" />
<meta name="description" content="Pauschalreisen im Preisvergleich" />
<meta name="keywords" content="Pauschalreisen, Reisen, Urlaub" />
```

## **Example content IncludeSite**

```
<div id="mainmenu">

  <ul>

    <li><a href="https://myagent.com/menu_1.php"></a></li>

    <li><a href="https://myagent.com/menu_2.php"></a></li>

    <li><a href="https://myagent.com/menu_3.php"></a></li>

  </ul>

</div>
```

## **Example content IncludeSiteFooter:**

```
<div id="footermenu">

  <ul>

    <li><a href="https://myagent.com/legal.php">Legal information</a></li>

    <li><a href="https://myagent.com/contact.php">Contact</a></li>

  </ul>

</div>
<!-- etracker CODE NOSCRIPT -->

<noscript>
<p><a href='http://www.etracker.de/app?et=n5EUx3'>
<img style='border:0px;' alt=" src='https://www.etracker.de/cnt.php?
et=n5EUx&amp;v=2.4&amp;java=n&amp;et_easy=0
&amp;et_pagename=Home
&amp;et_areas=&amp;et_ilevel=0&amp;et_target=,0,,0
&amp;et_lpage=0&amp;et_trig=0&amp;et_se=0&amp;et_cust=0
&amp;et_basket=&amp;et_url='/'></a></p>
</noscript>
<!-- etracker CODE END -->

<!-- etracker OVERLAY 2.4 -->
  <script type="text/javascript" src="https://www.etracker.de/et_overlay.php?et=n5EUx3"></script>
<!-- etracker OVERLAY END -->
```

## Examples of INCORRECT(!) snippets

### *IncludeSiteHeader*

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
  <head>
    <title>My Agent Travels</title>

    <!-- include my stylesheet -->
    <link rel="stylesheet" href="https://myagent.com/wrong/stylesheet.css" />

  </head>
  <body>
  </body>
</html>
```

The user wanted to add an additional stylesheet and send a complete html page with non-allowed tags (<html>, <head>, <body>,..). The correct solution is the yellow marked line only.

### *IncludeSite*

```
<div id="mycontent">My text before the output of the flightIBE</div>
<link rel="stylesheet" href="https://myagent.com/wrong/stylesheet.css" />
<div id="another">Lorem ipsum...</div>
```

In this example the user uses a tag (<link>) which belongs in the header (IncludeSiteHeader). The correct solution is to move the yellow line in to the header.