

PTT Internet Web Service Reference

Version 1.0

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Communications made through the electronic mails and/or sending the messages through the Website shall in no way be deemed to constitute legal notice to or from the Company or any of its employees or representatives.

Amendments

The Company shall be entitled to make alteration to, amendment and revision of these Terms and Conditions by introduction of additional terms and conditions hereto and/or deletion of some or any terms and conditions hereof at any time and from time to time as seen fit.

The Company, in its sole discretion, reserves its exclusive right to alter, limit or discontinue the Website service or any of the Multimedia in any respects.

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No act, delay or omission by the Company shall affect its rights, powers and remedies under these Terms and Conditions or any further or other exercise of such rights, powers or remedies. The rights and remedies under these Terms and Conditions are cumulative and not exclusive of the rights and remedies provided by law.

Severance

If some or any provisions of these Terms and Conditions are not or cease to be legally binding and enforceable, they shall not affect the legality, binding effect or enforceability of any other provisions of these Terms and Conditions.

Access to the Web Service

The Company, in its sole discretion, reserves its right to prohibit anyone to get access to the Web Service or any of its portions without notice.

Applicable Law and Jurisdiction

These Terms and Conditions shall be governed by and construed in accordance with the laws of the Kingdom of Thailand, in case where they are required to be governed and construed.

Contacting Us

Should you have any questions about these Terms and Conditions, the Company's practices in relation to the Website, or your dealings with the Website, please contact:

webmaster@pttplc.com

Overview

This document explains in detail the semantics of the function calls you can make using the PTT Internet Web Service. In this document, you will learn:

- How to query data by PTT Internet Web Service methods.
- How to interpret the result information sent back by PTT Internet Web service.

PTT Internet Web Service Reference includes 4 methods.

- **CurrentOilPrice**
Returns current gasoline prices for PTT gas stations at Bangkok area.
- **GetOilPrice**
Returns historical gasoline prices for PTT gas stations at Bangkok area.
- **CurrentNews**
Returns current news data published by PTT.
- **GetNews**
Returns historical news data published by PTT.

CurrentOilPrice Method

Returns current gasoline prices for PTT gas stations at Bangkok area.

Input Parameters

This method accepts the following input parameters :

Name	Description	Required	Example
Language	The language of information for display to users. - TH means Thai language - EN means English language	Yes	TH

Output Values

This method returns an XML document contains the following output values :

Name	Description	Data Type	Format
PRICE_DATE	The effective date of oil price.	Date	dd/mm/yy
PRODUCT	The oil product name.	Text	
PRICE	The price of the oil product	Numeric	0.00

Example Result

```
<PTT_DS>
  <Table>
    <PRICE_DATE>17/12/04</PRICE_DATE>
    <PRODUCT>ALPHA-X 95</PRODUCT>
    <PRICE>19.29</PRICE>
  </Table>
  <Table>
    <PRICE_DATE>17/12/04</PRICE_DATE>
    <PRODUCT>ALPHA-X 91</PRODUCT>
    <PRICE>18.49</PRICE>
  </Table>
  <Table>
    <PRICE_DATE>17/12/04</PRICE_DATE>
    <PRODUCT>DELTA-X</PRODUCT>
    <PRICE>14.59</PRICE>
  </Table>
  <Table>
    <PRICE_DATE>17/12/04</PRICE_DATE>
    <PRODUCT>NGV</PRODUCT>
    <PRICE>7.64</PRICE>
  </Table>
</PTT_DS>
```

GetOilPrice Method

Returns historical gasoline prices for PTT gas stations at Bangkok area.

Input Parameters

This method accepts the following input parameters :

Name	Description	Required	Example
Language	The language of information for display to users. - TH means Thai language - EN means English language	Yes	TH
DD	Day of date for searching information by periods of time. User can specify only number between 1 and 31.	Yes	01
MM	Month of date for searching information by periods of time. User can specify only number between 1 and 12.	Yes	10
YYYY	Year of date for searching information by periods of time. User can specify only number which means Christian Era.	Yes	2005

Output Values

This method returns the following output values :

Name	Description	Data Type	Format
PRICE_DATE	The effective date of oil price.	Date	dd/mm/yy
PRODUCT	The oil product name.	Text	
PRICE	The price of the oil product	Numeric	0.00

Example Result

```
<PTT_DS>
  <Table>
    <PRICE_DATE>17/12/04</PRICE_DATE>
    <PRODUCT>ALPHA-X 95</PRODUCT>
    <PRICE>19.29</PRICE>
  </Table>
  <Table>
    <PRICE_DATE>17/12/04</PRICE_DATE>
    <PRODUCT>ALPHA-X 91</PRODUCT>
    <PRICE>18.49</PRICE>
  </Table>
  <Table>
    <PRICE_DATE>17/12/04</PRICE_DATE>
    <PRODUCT>DELTA-X</PRODUCT>
    <PRICE>14.59</PRICE>
  </Table>
  <Table>
    <PRICE_DATE>17/12/04</PRICE_DATE>
    <PRODUCT>NGV</PRODUCT>
    <PRICE>7.64</PRICE>
  </Table>
</PTT_DS>
```

CurrentNews Method

Returns current news about social and business news.

Input Parameters

This method accepts the following input parameters :

Name	Description	Required	Example
Language	The language of information for display to users. - TH means Thai language - EN means English language	Yes	TH
NewsType	This item explains about type of news for display to users. - 1 means Business News - 2 means Social News	Yes	1

Output Values

This method returns the following output values :

Name	Description	Data Type	Format
NEWS_ID	The ID of news.	Numeric	0.00
NEWS_DATE	The effective date of news.	Date	dd/mm/yy
TOPIC	The topic of news.	Text	
CONTENT	The detail of news.	Text	
URL	The URL to link information of news.	Text	

Example Result

```

<PTT_DS>
  <Table>
    <NEWS_ID>395</NEWS_ID>
    <NEWS_DATE>28/12/04</NEWS_DATE>
    <TOPIC>PTT and affiliates raise relief aid donation for Tsunami victim to Bt
    50 million</TOPIC>
    <CONTENT>through the aid fund set up by the Finance
    Ministry</CONTENT>
    <URL>http://tits2003/ptt_internet/en/ptt_core.asp?page=nc_pr_bu_detail&am
    p;id=395</URL>
  </Table>
  <Table>
    <NEWS_ID>392</NEWS_ID>
    <NEWS_DATE>22/12/04</NEWS_DATE>
    <TOPIC>National Oil Balance January - October 2004</TOPIC>
    <CONTENT>Mr.Pongpayak Sathienpakiranakorn, Vice President of
    Corporate Public Relations Department, PTT Public Company Limited reports
    a National Oil Balance for the period from January to October 2004 as
    follow:</CONTENT>
    <URL>http://tits2003/ptt_internet/en/ptt_core.asp?page=nc_pr_bu_detail&am
    p;id=392</URL>
  </Table>
  <Table>
    <NEWS_ID>386</NEWS_ID>
    <NEWS_DATE>09/12/04</NEWS_DATE>
    <TOPIC>PTT – Hygen Power Sign Accord on Fuel-Cell Power Generation
    Enhancing Domestic Energy Security</TOPIC>
    <CONTENT>9 December 2004, PTT Plc – Mr. Prasert Bunsumpun, PTT
    President, and Mr. Phornthep Phornprapha, Chairman of Hygen Power Co.,
    Ltd., today jointly presided over the signing of an agreement on the joint
  
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implementation of a power generation project using natural gas-fired fuel
cells.</CONTENT>
<URL>http://tits2003/ptt_internet/en/ptt_core.asp?page=nc_pr_bu_detail&am
p;id=386</URL>
</Table>
</PTT_DS>

```

GetNews Method

Returns all news about social and business news which users can search by periods of time.

Input Parameters

This method accepts the following input parameters :

Name	Description	Required	Example
Language	The language of information for display to users. - TH means Thai language - EN means English language	Yes	TH
NewsType	This item explains about type of news for display to users. - 1 means Business News - 2 means Social News	Yes	1
DD	Day of date for searching information by specified date. User can specify only number between 1 and 31.	Yes	01
MM	Month of date for searching information by specified date. User can specify only number between 1 and 12.	Yes	10
YYYY	Year of date for searching information by specified date. User can specify only number which means Christian Era.	Yes	2005

Output Values

This method returns the following output values :

Name	Description	Data Type	Format
NEWS_ID	The ID of news.	Numeric	0.00
NEWS_DATE	The effective date of news.	Date	dd/mm/yy
TOPIC	The topic of news.	Text	
CONTENT	The detail of news.	Text	
URL	The URL to link information of news.	Text	

Example Result

```

<PTT_DS>
  <Table>
    <NEWS_ID>41</NEWS_ID>
    <NEWS_DATE>04/10/02</NEWS_DATE>
    <TOPIC>PTT reduces cost by Bt25 million via e-business</TOPIC>
    <CONTENT>following a grand success of e-business</CONTENT>
    <URL>http://tits2003/ptt_internet/en/ptt_core.asp?page=nc_pr_bu_detail&am
p;id=41</URL>
  </Table>
</PTT_DS>

```