



ITU Resolutions Web Project

Database Search Engine

User Guide

Developed by TRA - Spectrum and International Affairs

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Version 1.0





Contents

1.	Intr	oduction	3
2.	Тес	hnology Selected:	3
3.	Dyr	namic Pages Extensions	3
4.	ITU	Resolution Web Project Workflow:	4
5.	ITU	Resolution Web Page Access / User Guide:	5
	5.1. 1 5.1.2 5.1.3	General Link[for Public access] ITU Resolution Advance Search View Individual Resolution in Web Page View Individual Resolution in Ms Word file	5 6 7 8
	5.2	Admin Panel[Content Management System]CMS	9
	5.2.1 5.2.2 5.2.3 5.2.4 5.2.5 5.2.6 5.2.7 5.2.8 5.2.9 5.2.10 5.2.11 5.2.12	Admin Panel Access link Level of Admin Panel [Super Admin, Admin] Create Users and Assigning Role Configure email for Help and Support Delete records[ITU Resolution Record] Database Backup [Database ITU Resolution Schema] Adding New Resolution into the database Uploading New Resolution attachment [as MS Word file] Uploading New Resolution attachment Auto File Name Flashing News for General Link [customer site] Changing Login User Password Information about Developed Web pages and Database Versions	
6.	Abo	out Telecommunication Regulatory Authority [TRA] - UAE:	21
7.	Cor	ntact details:	21





1. Introduction

The ITU Resolution Database Search Engine is Dynamic Website; which facilitate the paperless work environment at the ITU which is in line with the strategic objectives of International Telecommunications Union. Moreover it will also assist in cross referencing Resolutions [ITU-R, ITU-T, ITU-D, PP and Council]

2. Technology Selected:

We Selected the Technology for the Dynamic Web pages to develop those are as follows **PHP**, **Apache http** Web Server and **Mysql database**

3. **Dynamic Pages Extensions**

The Dynamic Web Pages are using the following extensions the <u>web server</u> <u>should support</u> the following

- 1. PHP
- 2. XML
- 3. HTML
- 4. JS
- 5. CSS
- 6. MNO
- 7. Lbi





Work Flow:

4. ITU Resolution Web Project Workflow:

The ITU Resolution Web Project perform the following workflow







User Guide:

5. ITU Resolution Web Page Access / User Guide:

The ITU Resolution Web Project is having <u>TWO links</u>those are as follows:

- 1. General Link [Customer Site]
- 2. Admin Panel Link [Admin Panel]

5.1 General Link[for Public access]

This link is for Public accesswith username and password, the feature General link are as follows:

- The General link can be access by web server root folder and then *index.php* dynamic page
- The man dynamic page will display for username and password
- The default user is *irtra* and password is the same [show in image1]
- Many users can be createdfrom Admin panel



[Image1]





• After Login into the website main page for search will display [shown in image2]

5.1.1 ITU Resolution Advance Search

Will be based on the Following:

- \circ $\,$ Conference Name.
- \circ $\,$ Resolution Number.
- Resolution Adopted.
- Resolution Revised.
- o Resolution Title
- Resolution Text
- In Resolution Text field can AUTO Filter from Database Resolution text [shown in image2]
- Check Box can further filter as per the conference

enu		Logout
RESOLUTIONS	TRAC	איייייייייייייייייייייייייייייייייייי
Logged on es: intra		
Welcome to TRA - ITU	J Resolution Database Search Engine	
Flash llews:	Any News Related to ITU Resolutions will be	e Added and Flash
How to Search??View the User Guideline	Search By	
Conference Names	Pienipotentiary Conference WTSA WRC WTDC ITU Council RA	
Resolution Humber		
Resolution Adopted		
Resolution Revised		
Resolution Title	'nu	
Resolution Text	ITU Telecom events	^
Note: The Resolution Title Text Box is having the option of Auto Fi	Contributory shares in Union expenditure ITU staff participation in conferencesof the Union Strengthening of relations between ITU and regional telecommunication organizations and regional preparations for the Pleripotentiary Conference Provisional application of the Constitution and Convention of the International	
Copyrights © 2003 - 2011 Telecommunication Regulator Recommended resolution 1024 X 768, Compatible brows Powered by SIA Dept TRA	ry Authority (TRA), All Rights Reserved. ers IE 7 or Higher, Firefox 3 or Higher maga21	Tree Boot I and taken





- Once the search criteria is completed then click on Search button
- Search resolution based on matched criteria will appear, in Resolution Text the Search word will highlight as yellow [show in image3]

nu	_	_	_		L	ogout
	R E S O	T	U _{N S}		تنظيم	ம்ப்து wrmoury
ogged on es: intra			Viev	v ITU Resolutions		
			Total	Number of Search = 3		
Click here to go Back Or Conference llame	search A	gain Resolution	Resolution	Resolution Title	Details	MS Word
RA 7	umber	1993	2000	Telecommunication development including liaison and collaboration with the M Telecommunication Development Sector	View	View
RA 5	5	2007	-	bu studies of disaster prediction, detection, mitigation and relief	View	View
RA 6		1993	2000	Lisison and collaboration with the bu	View	No File Attached
			Re	solutions 1 to 3 of 3		
opyrights ©2003 - 203 ecommended resolution owered by SIA Dept 7	11 Teleco n 1024 X ' 'RA	mmunicati 768, Comp	on Regulato atible brows	ory Authority (TRA), All Rights Reserved. sers 15 7 or Higher, Firefax 3 or Higher	TRAC J IO	1
			٦	image31		

5.1.2 View Individual Resolution in Web Page

• Clicking on the Detail column [click on view] will also display the complete Resolution, and if any word is typed in the search criteria than that word will also get highlighted as yellow in the Resolution detail page [shown in image4] OR





5.1.3 View Individual Resolution in Ms Word file

 Clicking on the MS Word Column, we can download the same resolution attachment as MS Word Document

enu	Logout
I T U RESOLUTIONS	
Logged on es: intra	
Resolution Number 7 De	talls
Click here to go Back Or Search Again	
Conference name An	
Percention Adopted 1923 and Resolution Revised 2000	
Resolution Title: Telecommunication development including lia Telecommunication Development Sector Resolution Details:	ison andcollaboration with the ITU
The ITU Radiocommunication Assembly,	
connacring (a) that one of the purposes of the Union is to "foster international cooperation to the developing countries and the creation, development and improvement of the developing countries by every means at its disposal," (No. 14 of the ITU Const of the development of the	on and solidarity in the delivery of technical assistance fecommunication equipment and networks in itution);
b) that a further purpose of the Union is also to "undertake studies, make re- Recommendations and Opinions and collect and publish information concerning Constitution);	ulations, adopt resolutions, formulate selecommunication matters" (No. 18 of the
that the Constitution and the ITU Convention consolidate the activities of Radiocommunication Sector and the activities relating to the technical cooperation telecommunication Development Sector,	I the ITU relating to radio communications in the n with, and assistance to, developing countries in the
d) that Nos. 159 and 160 of the Convention require that the Radiocommunice of Questions and to the formulation of Recommendations directly connected with telecommunications in developing countries at both the regional and internationa review of activities in the Radiocommunication Sector, " measures should be tail telecommunication Development Sector";	tion Study Groups " pay due attention to the study the establishment, development and improvement of lavels" and that, for the purpose of facilitating the zen to foster cooperation and coordination with the
e) that Resolution 5 (Rev.Doha, 2006) of the World lelecommunication for the communication Development Bureau in close collaboration with the Directors Standardization Bureaux, to consider and implement the best ways and means to developed countries, in preparing for and participating actively in the work of the groups, assemblies and conferences and in the Study Groups of particular relevant and in the Study Groups of particular relevant.	opment Conference further instructs the Director of the of the Rediocommunication and takeommunication assist developing countries, and in particular least three Sectors, and notably in the Sector advisory are to developing countries,
f) that Resolution 66 (Rev. Minneapolis, 1996) of the Plenipotentiary Confer Development Bureau to implement, as a priority, in close coordination with the Du Director of the belevenmentication Standardization Bureau, strategies and mechan developing countries, and in particular least developed countries, of the Web-base	ence instructs the Director of the <mark>telecommunication</mark> cector of the Radiocommunication Bureau and the irms to encourage and facilitate the efficient use by the ed documents and publications of the Union;
[Image4]	

• Clicking on go back or Search again will navigate to **previous page** or on the page of **search again**.





5.2 Admin Panel[Content Management System]CMS

Administrators can use the admin panel link to changes the contents or add or delete any information which display to the General link or Client site, add users etc

The features of Admin Panel appear as per the ROLE, those are as follows:

5.2.1 Admin Panel Access link

The General link can be access by web server root folder-ITU_WebFolder/admins/admins.php

	RESOLUTIONS		ראבענט דינוער אוידאראיין אייראיין אייראיין אייראיין אייראיין אייראיין אייראיין אייראיין אייראיין אייראיין אייר אייראיין אייראיין איי
	Admir	Panel	
	User Hame Password	Login Help?	
Copyrights ©2003 - 20 Recommended resolutio Powered by SIA Dept 1			The Balline tes
	[lma	ge5]	





- 5.2.2 Level of Admin Panel [Super Admin, Admin]
 - Admins are having currently two levelsSuper Admin and Admin

Super AdminRole:

• Super Admin Role[as shown in image6]

Admin Panel
Dashboard
Locked Users Total = 0 Total Records in 08 418
Total Users Total = 3
Add Resolution Vew & Edt Resolution Edit Flash News Change Password
Create / View User Configure Email Database Backup Delete Record
Copyrights ©2003 - 2011 Telecommunication Regulatory Authority (TRA), All Rights Reserved.
Recommended resolution 2024 x 768, Compatible browsers IE 7 or Higher, Firefix 3 or Higher Powered by SIA Dept TRA

[Image6]

- 5.2.3 Create Users and Assigning Role
 - $\circ~$ Modify and Delete Users [Public and Admin] as shown in image 7 and 8







[Image7]

- Access level can be changed for the user
- User can be locked
- Same User can have access on both sides customer and admin panel

RESC	T U		TRACI	
i ana lina adala Dala ar A		Create User		
Logon User, admin, Hoe as: SU	peroser			
Login User Name				
Email Address				
First and Last Nam	2			
Password				
Confirm Password				
Access Level for A	dmin Panel	Select Admin	Level 💌	
Access Level for C	lient Panel	Yes O	No 💿	
Status of User		Locked O	Unibek 💿	
		Save	Apply	
				The Boll and they

[Image8]





5.2.4 Configure email for Help and Support

 To configure email for help and support [helps to support Locked Users or database schema access, if PHPmyAdmin is configured etc]

	RESO	T U		JULITORE AUTHORITY
		Admin Panel - Forwa	rding Email Info	
Welcome admin				
Mail For	Person	Person Email	Message	Edit
Locked	Bilal Awan	admin_lock@company.com	Your Users is Locked, Click on Help	Edit Info
Mai	Bial Awan	admin_signin@company.com	Thank you for Signup	Edit Info
Ostabase Backup	Bilal Awan	admin_db@company.com	Database Access	Edit Info
			ity (TRA), All Rights Reserved. : Higher, Firefox 3 or Higher	Phe B olf and cars

[Image9]

- Email address configured by editing, which will help to the customer or other admins if they forgotten password or if they need any *help*shown in image5 or Image 1, Super Admin can reply for support
- If the PHPmyAdmin is configured then email can be send to the Database Admin for the help

	J s TR/ THEOR	
Ad	min Panel - Email Configuration	
Welcone admin		
Configure to send Application		
Login User	admin	
Mail For	Database Backup	
Person Name	Bilal Awan	
Add New Emails BCC(use comma e.g bilal.abid@tra.ae, bakhit@tra.ae)	admin_db\$company.com	X
Message to Appear in Email	Database Access	8
Website Link	http://Website_link/phpmyadmin/index.php	
Info	Created: Changed: 2011-05-21 14:43:58 Save	
		ved. er 1944 Boll and same
	[Image10]	





5.2.5 Delete records[ITU Resolution Record]

 Super Admin can delete ITU Resolution Record[delete individual Resolution record from database, which required database record id, which can be viewed in the Search results]

	R	T ESOLU	U	Imin Dans	N - Delete Record		يم ال) ت	Dil Diles-
Logo	n User: admin, Role i	ss: Super Us	Her		Delete Necord			
Search Re Note: Click	Search Record by Database ID: Search Note: Click on Search and then view the Database ID							
Copyright Recommer Powered b	s ©2003 - 2011 ? nded resolution 10 y SIA Dept TRA	'elecommu 124 x 768, (nication Re Compatible	egulatory / e browsers	Authority (TRA), All Rig IE 7 or Higher, Firefox 3	hts Reserved. or Higher	TRA	Bo I an tao
				[lma	age11]			
		• G	iet th	e Dat	abase ID			
HE		RESOL	UTIONS				تنظيم ال	Circa- WTHORITY
Da	tonias: admin tabase ID		,	View ITU R	tesolutions			
Click	here to go Back Or	Search Agai	n 1	Total Number	r of Search = 3			
DB ID	Conference Name	Resolution Number	Resolution Adopted	Resolution Revised	Resolution Title		Details	MS Word
388	RA	7	1993	2000	development including laison and collaboration with the ITU belecommunication Development Sector		Edit	View
392	RA	17	1993	2007	Integration of International Mobile telecommunications (INT 2000 and INT- Advanced) with existing networks		Edit	View
414	RA	56	2007	-	Naming for International Mobile telecommunications		Edit	View
			««fir	st < Previou Resolution	us Next > Last >> s 1 to 3 of 3			
Copyr	ights ©2003 - 201	1 Telecomm	unication I	Regulatory	Authority (TRA), All Right	s Reserved.		HI WALKER
				[lma	age12]			





- Enter the Database ID which you want to delete
- Verify the deleting record
- Click on Delete
- Confirmation will appear **OK** or Cancel
- The record will be deleted along with its attachment, this process cannot be undo.

Admin Panel - Dele	te Record
Logon User, admin, Role as: Super User	
Search Record by Database ID: 2	•
Note: Click on Search and then view the Database ID	3
DB ID 2	
Attached File: Open File Latest Resolution	Delete
Conference Message from webpage	X
Resolution	iso Delete its Attached File and cannot be UNDO Later?
	arcel
Detail:	
RESOLUTION 4 (Rev. Guadalajara, 201	D)
Duration of plenipotentiary conferences of the Union	
[Image	13]

5.2.6 Database Backup [Database ITU Resolution Schema]

• Super Admin can also take the backup of the Database Schema, if the PHPmyAdmin is configured

pupulpulpulation activity -	Windows Internet Explorer		
🔊 💿 🗢 🔝 http://loc	alhost/phpmyadmin/index.php	💌 🗟 😝 🗶 🛃 Google	. م
ie Edit View Favorite	is Tools Help		
Favorites 🛛 🚖 🗀 lear	rning-Video 🔹 🚼 Google 🙄 Citrix Xer	en App - Logon 💼 ManageEngine ServiceDesk 🔊 Favourite Webst	te Amards (
hpMyAdmin 2.8.2		🏠 🔹 🔝 🐇 📾 🔹 Page - Sal	fety • Tools • 😥 •
	Welcome	to phpMyAdmin 2.8.2	
Language			
Language () English (iso-8859-1) Log in Username: Password:	tures		
Language () English (iso-8869-1) Log in Username: Password:	tures		

[Image14]





AdminRole:

• Admin Role: [as shown in image15]

Admin Home					Logout
	RISOLUT	U			uitii Digas-
		Admi	n Panel		
Logon User:	bilal, Role as: Admin				
		Dast	nboard		
	Locked Users	Total = 0	Total Records in DB	418	
	Total Users	Tetal = 3			
	Add Resolution	Vew & Edit Resolution	Edit Flash News	Change Password	
Copyrights © 20 Recommended r Powered by SIA (03 - 2011 Telecommun ecolution 1024 x 768, C Dept TRA	ication Regulatory Au ompatible browsers IE	thority (TRA), All Righ 7 or Higher, Firefox 30	ts Reserved. Ir Higher	- Polisvers

[Image15]

5.2.7 Adding New Resolution into the database

 New Resolution can be added into the database, which can be viewed on the General link [Customer site], click on Save button

	RESOLUTIONS	
	Admin Panel - Add Resolut	tion
Logon Use	er, admin, Role as: Super User	
Conference Name	WRC	
Resolution Number	68	
Resolution Adopted	2009	
Resolution Reviewed	2011	
Resolution Title	WRC Resolution - [for Testing]	
Resolution Detail	Copy paste the Recolution Distails into this Text Area	
	B <i>I</i> <u>U</u> 444 →	
	[Show] [Hide]	
Info	Post On:	
	Save	

[Image16]





- The added new resolution cond can be EDIT or Deleted as shown in image17
- Edit can also be done, on the search resolution records, which can edit the existing resolutions by clicking on Edit as shown in image12

5.2.8 Uploading New Resolution attachment [as MS Word file]

• To **upload the attachment** for the same new added resolution click on "click **here**" as shown in image17

Admin Panel - Resolution Details	
Logon User: admin, Role as: Super User	
To Upload Delete File Cick here	t or Delete Resolution
DB ID:424	• •
Attached File: No File Attached	Edit Delete
Conference Name WRC	-
Resolution Number 68	
Resolution Adopted:2009 and Resolution Revised 2011	
Resolution Title: WRC Resolution - [for Testing]	
Detail:	
Copy paste the Recolution Details into this Text Area	
Posted on: 2011-11-16 12:40:35 by admin Edited on: by	
Copyrights ©2003 - 2011 Telecommunication Regulatory Authority (TRA), All Rights Reserve Recommended resolution 1024 X 768, Compatible browsers IE 7 or Higher, Firefox 3 or Higher Powered by SIA Dept TRA	d. The Boll and Gam

[Image17]





5.2.9 Uploading New Resolution attachment Auto File Name

- To Upload the attachment for the same new added resolution after clicking on "click *here*"
- A pop-up window will appear, which will have the *Auto file name*
- Mandatory to select the conference name from the Radio Buttons, in order to upload the file in the correct file system [upload folders for attachments in Server]
- Click on **Browse**
- Select File which needs to be attached with the Resolution, Note the file name will be change as [ConferenceName_Resolution#_ Resolution Adopted_Resolution Reviewed.doc] e.g 3_68_2009-2011.doc as shown in image18
- Click on Upload

RI	
Logon User: admin, Rok	http://localhost/ - TRA - ITU Resolution Database - Attachment - Windows Internet Explorer Upload File to Server Logon User: admin, Role as: Super User You are Only Alowed to Upload Microsoft Word 2003 Files, File Extension must be udoc Note: Microsoft Word 2007 or Higher version is not supported.
To Upload Delete File Clck DB ID:424 Attached File: No File Attache	Resolution Details 08 kt: 424 File Name 1_68_2009_2011 Auto file Name
Latest Resolution	File Under Resolution Path
Resolution Number:68 Resolution Adopted:2009 a	Upload File Browse C
Resolution Title: WR	Note:- You are allowed 1MB Attachment.
Copy paste the Recolution Posted on: 2011-11-16 12:40 Edited on: by	Close this Window
Copyrights ©2003 - 2011 TV Recommended recolution 100 Powered by SIA Dept TRA	Powered by TRA - Spectrum and International Affairs decommunication Regulatory Authority (TRA), All Rights Reserved. 14 x 768, Compatible browsers IE 7 or Higher, Firefox 3 or Higher
	[Image18]





ttp://localhost/ - T	RA - ITU Resolution D	Patabase - Uploaded - Wind	lows Internet Explore	n -	
lack <					
Logon User: adm	in, Role as: Super User				
iote:					
1. Once you De 2. And Link fro 3. You cannot	slete File, it will be Remove on the Database will also t UNDO this ACTION	ed from the Specific Folder be Removed			
our Attachment Details	are as follows:				
Conference Name	Conference Number	File Name	View File	Delete File	Upload
WRC	68	3_68_2009_2011.doc	Open File	Delete	Upload
Conference Name	Conference Number	File Name 3_68_2009_2011.doc are done with the attachment or v	View File Open File	Delete File * Delete	Uploa
		Close this Windo	w		
			Powered by	TRA - Spectrum and Inte	ernational Affair
		[Image19	9]		

- Once its uploaded, *it will take to another window*, which will show the uploaded file
- Uploaded file can be open and delete
- Close the window as shown in image19

	Admin Panel - Resolution Details	
Logon User: admin, Role as: Su	iper User	
To Upload Delete File Clck here		
DB ID:424	After Uploading and Closing the	
Attached File: Open File	Pop-up window, THE new column	Delete
Latest Resolution	will appear as OPEN FILE	Edit a
Conference Name:WRC		8
Resolution Number:68		
Resolution Adopted:2009 and Res	olution Revised 2011	
Resolution Title: WRC Res	solution - [for Testing]	
Detail:		
Copy paste the Recolution Details	s into this Text Area	
Posted on: 2011-11-16 12:40:35 Edited on: by	by admin	

[Image20]

- After closing the Pop-up attachment window as shown in image 19, a new attachment can be seen as "**OPEN FILE**"
- Upon clicking, the new added attachment can be viewed





5.2.10 Flashing News for General Link [customer site]

- The Flying New appears towards on General Link [customer site]
- Clicking on the Flying new can Edit the news
- Click on **Save** as shown in image21
- o Latest news can be viewed on the Customer site

	THE NAME	I T U RESOLUTIONS	
		Flying News	
Log The	on User: admin Flying News w	n, Role as: Super User Ill appear in Client Ste, Main Page as <i>FLASH NEW</i> S	
	Detail	ITU Resolution Latest News	·····
	Posted By	admin	
	On	2011-11-16 13:52:23	
		Sare	
To Change	the Heading or	Details on Client Side FLYING News, Please Click on the Hea	ding
Heading		Details	Changed by Date
News1		[ITU Resolution Latest News	admin 2011-11-16 13:52:23
Copyrigh Recomm Powered	its ©2003 - 2 ended resolut by SIA Dept.	1011 Telecommunication Regulatory Authority (Ti ion 1024 x 768, Compatible browsers IE 7 or High - TRA	RA), All Rights Reserved. er, Firefox 3 or Higher

[Image21]

5.2.11 Changing Login User Password

- \circ $\,$ The Password can be changed by clicking on change password $\,$
- Password has to enter twice as shown in image22

	T U		TRA	
Logon User: admin, Role a	s: Super User			
	Char	ige Password		
	User Name	admin		
	New Password			
	Confirm New Password			
		Save	Apply	
Copyrights ©2003 - 2011 T Recommended resolution 10 Powered by SIA Dept TRA	elecommunication Regulatory 24 x 768, Compatible browser:	Authority (TRA), s IE 7 or Higher, F	All Rights Reserv irefox 3 or Higher	ed.

[Image22]





5.2.12 Information about Developed Web pages and Database Versions

- Information about the developed web and database version can be viewed by clicking on the main admin page Dashboard [Web Build Ver Versions]
 Date upon when Last DB or Web version was developed or
- updated or modified

	RESOLUTIO	U o n s		
		Web Bu	uild Info	
Logon User: admin, Ro This is the Informat Web Version	ie as: Super User ion about the build Date	of Web Version and D	Date	n. Details
1.0	18-Aug-2010	1.0	18-May-2010	This is the 1st Build Version of Web sites and its Database
Copyrights ©2003 - 201: Recommended resolution Powered by SIA Dept TF	. Telecommunica 1024 x 768, Com A	ition Regulatory Autl	hority (TRA), A 7 or Higher, Fir	ll Rights Reserved. effor 3 or Higher

[Image23]





6. About Telecommunication Regulatory Authority [TRA] - UAE:

The Telecommunications Regulatory Authority (TRA) of the United Arab Emirates (UAE) has been established according to the UAE Federal Law by Decree No. 3 of 2003, as amended – [Telecom Law]. TRA is responsible for the management of every aspect of the telecommunications and information technology industries in the UAE. Despite its relatively short life-span, TRA has exceeded expectations by achieving its projected goals in record time [more click here]

7. Contact details:

For any help and Support with regard to the developed ITU Resolution Database Search engine web project, contact on the below details

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- 2. Any other if Required