ITSmobile

What’s ITSmobile

ITSmobile is a SAP technology to connect mobile devices to a SAP system in order to run applications based on the widely used Dynpro programming model. ITSmobile replaces the Web SAPConsole which will be phased out with SAP Netweaver 7.01. It is available for SAP systems based on SAP Netweaver 2004, SAP Netweaver 7.0, SAP Netweaver 7.10 and higher. ITSmobile is an integrated part of SAP Netweaver and based on ITS.

Generate and Modify Templates

Do you want to run a dynpro-based application on a mobile device? And even make manual adjustments to fulfill your own special requirements? No problem - using the ITSmobile it only takes you three steps:

1. You first need to create an 'Internet Service' by generating the relevant templates. This whole procedure takes place in transaction SE80 where different ITSmobile generation styles are offered. The recommendation is to use STYLE: MOBILE4. Review the following page which explains the three ITS Services required to use the different ITSmobile generation styles: Getting to know ITSmobile by Checking out the Internet Services.

2. Once you have successfully completed the generation of the ITSmobile templates you then need to create an ICF service. This is the second step by using transaction SICF. The ICF service that is created here will link your ITSmobile service using the parameter ~SOURCES. Now you can display your Internet Service in a browser - on a desktop browser or on a mobile device browser.

3. If more functionality is required e.g. F-Keys or you do not like the standard design, take the third step. Make manual adjustments to the templates in the transaction SE80, or include a new CSS file with your own design. See also the sample video in KBA 22420 78 - ITSmobile: How to create a sample service [VIDEO].

Another option for making adjustments to the templates is to follow the steps on the ITSmobile Visual Editor Wiki page.

Important

If you make any subsequent changes in SE80 to the templates, CSS files or MIME’s - then the ITSmobile service needs to be republished.

If you have applied ITSmobile related SAP Notes via transaction SNOTE it is important to regenerate the ITSmobile templates.

- Republish the various ITSmobile generation services in SE80 i.e ( ITSGENMOBILE, ITSGENMOBILE4, ITSGENMOBILEXV and ITSGENMOBXML) or run report SIAC_PUBLISH_ALL_INT in transaction SE38 which will publish ALL the ITS based services)
- Then run the report: SIAC_REGENERATE_TEMPLATES in SE38. This will regenerate the ITSmobile templates.
- Finally republish the newly generated ITSmobile service templates. Do this in SE80 (or run report SIAC_PUBLISH_ALL_INT in SE38 which will publish ALL the ITS based services)

See also SAP notes
1260901 - ITSmobile test service updated after Generator modifications
2416791 - Regenerating templates for RFUI

Features

Barcode Scanning

ITSmobile supports data input via 1D and 2D barcode scanning.
SAP Note 1311169 - ITSmobile: Barcode scanner AutoEnter has information on the AutoEnter feature.

**Voice Enabling (pick by voice)**

ITSmobile supports voice enabling of ABAP/Dynpro based screens using the "Speech" property to send additional, speech related data, to the frontend/Browser. Together with the new ITS XV Template generator(ITSGENMOBILEXV), which generates XHTML+Voice based templates, it is possible to add speech in/output to your application. Voice enabled browsers, like Opera, will do the rest of the job.

**RFID (Radio-frequency identification)**

ITSmobile supports ABAP Property RFID which helps you to execute RFID operations on Dynpro based screens using ITSmobile. The RFID property sends additional, RFID related data to the frontend/Browser. ITSmobile will deliver this data via javascript to your own device specific implementation for your specific RFID reader.

**ITSmobile Information**

**ITSmobile Documentation**

ITSmobile on the SAP help portal

ITSmobile on BIS.Techdev (internal only)

Configuring ITSmobile for SAP EWM RFUI: How-To Guide

**ITSmobile Notes**

Only general ITSmobile notes are listed here; find further related SAP notes using search key "ITSmobile" in CSS.

1070064 Comparison of Web SAP Console with SAP ITSmobile
1037715 ITSmobile: Supported screen elements
2063269 - Classification of correct investigation area for SAP incidents involving RF dev

**ITSmobile FAQs**

You have questions regarding ITS? Please check out the frequently asked questions (FAQ).

ITSmobile Troubleshooting Guide WIKI: ITSmobile issues

**Forum**

Please discuss ITSmobile topics and issues in the SCN Forum Internet Transaction Server (ITS).

**Articles, Guidelines...**

Page: ITSmobile AJAX Communication By Christoph Persich
Page: Service Parameters and Settings for ITSmobile
Page: Mobile Devices and Browser
Page: Getting to know ITSmobile by Checking out the Internet Services
Page: Prerequisites to run ITSmobile
Features and Improvements

Performance

How to obtain the function key values for ITSmobile applications

ITSmobile Visual Editor