

Enabler Release Definition for DWAPI 1.0

Approved Version 1.0 – 24 Jul 2018

Open Mobile Alliance
OMA-ERELD-DWAPI-V1_0-20180724-A

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1. Scope

The scope of this document is limited to the Enabler Release Definition of Device WebAPI, DWAPI 1.0, according to OMA Release process and the Enabler Release specification baseline listed in section 5.

2. References

- [RFC2119] “Key words for use in RFCs to Indicate Requirement Levels”, S. Bradner, March 1997,
[URL:http://www.ietf.org/rfc/rfc2119.txt](http://www.ietf.org/rfc/rfc2119.txt)
- [SCRRULES] “SCR Rules and Procedures”, Open Mobile Alliance™, OMA-ORG-SCR_Rules_and_Procedures,
[URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

2.1 Informative References

- [OMADICT] “Dictionary for OMA Specifications”, Version 2.9, Open Mobile Alliance™,
OMA-ORG-Dictionary-V2_9, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

3. Terminology and Conventions

3.1 Conventions

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [RFC2119].

All sections and appendixes, except “Scope”, "Release Version Overview" and “Conformance Requirements Notation Details”, are normative, unless they are explicitly indicated to be informative.

The formal notation convention used in sections 7 and 8 to formally express the structure and internal dependencies between specifications in the Enabler Release specification baseline is detailed in [SCRRULES].

3.2 Definitions

Enabler Release	Collection of specifications that combined together form an enabler for a service area, e.g. a download enabler, a browsing enabler, a messaging enabler, a location enabler, etc. The specifications that are forming an enabler should combined fulfil a number of related market requirements.
Minimum Functionality Description	Description of the guaranteed features and functionality that will be enabled by implementing the minimum mandatory part of the Enabler Release.

3.3 Abbreviations

ERDEF	Enabler Requirement Definition
ERELD	Enabler Release Definition
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority

4. Release Version Overview

4.1 Version 1.0 Functionality

DWAPI 1.0 focuses on:

- the functions of DWAPI enabler is to defined Extension Plug-Ins that can expose data from external devices to web application through the GotAPI Server

The scope of OMA Device WebAPI enabler will include the functionality:

- Requirements, architecture and specifications for web-based APIs to expose services available from external devices and internal enablers through Extension Plug-Ins to applications
- The web-based APIs that will work in the framework that GotAPI (Generic Open Terminal API Framework) defines, where the web-based APIs are implemented in the Extension Plug-Ins and exposing the services from the external devices or internal enablers that are connected with the Extension Plug-Ins.
- The framework provided by the combination of GotAPI and Device WebAPI to enable applications to work through standardized APIs with external devices or internal enablers, as GotAPI itself does not standardize the APIs to be implemented in the Extension Plug-Ins.
- Web-based APIs that will initially address such areas as healthcare devices, DWAPI-PCH (Personal Connected Healthcare) and other areas where standardization will help solving application interoperability problems.

OMA will continue expanding the coverage of the standardized Device WebAPIs in areas where standardization helps the markets to expand and innovate.

5. Document Listing for DWAPI 1.0

This section is normative.

Doc Ref	Permanent Document Reference	Description
Enabler Release		
[DWAPI_ER]	OMA-ER-Device_WebAPIs-V1_0-20180724-A	Enabler Requirements and Archecticure
Technical Specifications		
[DWAPI_TS_BPressure]	OMA-TS-Blood_Pressure_Monitor_APIs-V1_0-20180724-A	Enabler Blood Pressure Monitor TS
[DWAPI_TS_Glucometer]	OMA-TS-Glucometer_APIs-V1_0-20180724-A	Enabler Glucometer TS
[DWAPI_TS_HRate]	OMA-TS-Heart_Rate_Monitor_APIs_-V1_0-20180724-A	Enabler Heart Rate Monitor TS
[DWAPI_TS_Oximeter]	OMA-TS-Pulse_Oximeter_APIs-V1_0-20180724-A	Enabler Pluse Oximeter TS
[DWAPI_TS_Thermometer]	OMA-TS-Thermometer_APIs-V1_0-20180724-A	Enabler Thermometer TS
[DWAPI_TS_SBodyC]	OMA-TS-Weight_Scale_Body_Composition_Analyzer_APIs-V1_0-20180724-A	Enabler Weight Scale & Body Composition Analyzer

Table 1: Listing of Documents in DWAPI 1.0 Enabler

6. OMNA Considerations

None

7. API Considerations

None.

8. Conformance Requirements Notation Details

This section is informative

The tables in following chapters use the following notation:

- Item:** Entry in this column **MUST** be a valid `ScrItem` according to [SCRRULES].
- Feature/Application:** Entry in this column **SHOULD** be a short descriptive label to the **Item** in question.
- Requirement:** Expression in the column **MUST** be a valid `TerminalExpression` according to [SCRRULES] and it **MUST** accurately reflect the architectural requirement of the **Item** in question.

Appendix A. Change History (Informative)

A.1 Approved Version History

Reference	Date	Description
OMA-ERELED-DWAPI-V1_0-20180724-A	24 Jul 2018	Status changed to Approved by CD Doc Ref # OMA-CD-2018-0005-INP_DWAPI_V1_0_ERP_for_final_Approval