

TR-064 Support – MyFritz

Supported by AVM

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History

Date	Version	Changes
2012-02-03	1	Initial version.
2013-02-21	2	Add actions GetNumberOfServices, GetServiceByIndex, SetServiceByIndex and DeleteServiceByIndex
2013-04-24	3	Add argument Type to actions GetServiceByIndex and SetServiceByIndex
2015-11-20	4	Change format of the table header
2017-05-16	5	Add IP related restriction to action SetServiceByIndex

urn:X_AVM-DE_MyFritz-com:serviceId:X_AVM-DE_MyFritz1

For details please refer the TR-064 document at

<http://www.broadband-forum.org/technical/download/TR-064.pdf>.

Action List

This chapter contains the supported actions of the service user interface which are listed inclusive arguments.

GetInfo

Argument name	Direction	Related state variable	Remarks
NewEnabled	out	Enabled	
NewDynDNSName	out	DynDNSName	
NewPort	out	Port	
NewDeviceRegistered	out	DeviceRegistered	

Table 1: Argument list of action GetInfo

GetNumberOfServices

Argument name	Direction	Related state variable	Remarks
NewNumberOfServices	out	NumberOfServices	

Table 2: Argument list of action GetNumberOfServices

GetServiceByIndex

Read and entry to the list of MyFRITZ! services.

Remark

The list of services may be reordered by invoking SetServiceByIndex.

Argument name	Direction	Related state variable	Remarks
NewIndex	in	NumberOfServices	
NewEnabled	out	Enabled	
NewName	out	Name	
NewScheme	out	Scheme	
NewPort	out	Port	
NewURLPath	out	URLPath	
NewType	out	Type	
NewIPv4ForwardingWarning	out	IPv4ForwardingWarning	
NewIPv4Addresses	out	IPv4Addresses	
NewIPv6Addresses	out	IPv6Addresses	
NewIPv6InterfaceIDs	out	IPv6InterfaceIDs	
NewMACAddress	out	MACAddress	
NewHostName	out	HostName	
NewDynDnsLabel	out	DynDnsLabel	
NewStatus	out	Status	

Table 3: Argument list of action GetServiceByIndex

Return code	Description	Related argument
402	Invalid arguments	Index not matching type
713	Invalid array index	Index not between 0 and NumberOfServices – 1

Table 4: Return codes of action GetServiceByIndex

SetServiceByIndex

Add a new entry to the list of MyFRITZ! services or change an existing entry in the list of MyFRITZ! Services.

Remark

The list of services may be reordered after a change. Clients can only add services for themselves(their IP address).

Argument name	Direction	Related state variable	Remarks
NewIndex	in	NumberOfServices	
NewEnabled	in	Enabled	
NewName	in	Name	
NewScheme	in	Scheme	
NewPort	in	Port	
NewURLPath	in	URLPath	
NewType	in	Type	
NewIPv4Address	in	IPv4Addresses	
NewIPv6Address	in	IPv6Addresses	
NewIPv6InterfaceID	in	IPv6InterfaceIDs	
NewMACAddress	in	MACAddress	
NewHostName	in	HostName	

Table 5: Argument list of action SetServiceByIndex

Return code	Description	Related argument
402	Invalid arguments	Index not matching type
713	Invalid array index	Index not between 0 and NumberOfServices – 1
600	Argument value is invalid.	NewIPv4Address differs from the requesters IP address
600	Argument value is invalid.	NewIPv6Address is not supported yet.
600	Argument value is invalid.	NewIPv6InterfaceID is not supported yet.
600	Argument value is invalid.	NewMACAddress is not supported yet.
600	Argument value is invalid.	NewHostName is not supported yet.

Table 6: Return codes of action SetServiceByIndex

DeleteServiceByIndex

Argument name	Direction	Related state variable	Remarks
NewIndex	in	NumberOfServices	

Table 7: Argument list of action DeleteServiceByIndex

Return code	Description	Related argument
402	Invalid arguments	Index not matching type
713	Invalid array index	Index not between 0 and NumberOfServices – 1

Table 8: Return codes of action DeleteServiceByIndex

Service States Table

Variable name	Allowed values (* == default)	Data type
DeviceRegistered		Boolean
DynDnsLabel		String
DynDNSName		String
Enabled		Boolean
HostName		String
IPv4Addresses		String
IPv4ForwardingWarning	0 – unknown 1 – IPv4Forwarding not necessary or succeeded 2 – IPv4Forwarding failed	ui1
IPv6Addresses		String
IPv6InterfaceIDs		String
MACAddress		String
Name		String
NumberOfServices		ui4
Port		ui4
Scheme	Example http://	String
Status	TODO values!	ui4
Type	Empty string; servicetype_app_camera	String
URLPath		String

Table 9: Variable list