

Release Notes tetraJS 1.4.1

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Contents

1 Document Information.....	3
1_1 Evolution Follow-up.....	3
1_2 Document Validity	3
2 2. What's new? Why should you use this software?	4
2_1 Product description	4
2_2 New features	4
2_3 Contents.....	4
2_4 JIRA references	6
2_4_1 Version 1.3.0	6
2_4_2 Version 1.1.0	6
3 Compatibility list.....	7
3_1 Web Platform	7
3_2 Application packaging	7

1 Document Information

1_1 Evolution Follow-up

Revision	Type of modification	Author	Date
			yyyy/mm/dd
			yyyy/mm/dd
			yyyy/mm/dd

1_2 Document Validity

	Name	Function	Signature	Date
Verified by				yyyy/mm/dd
Verified by				yyyy/mm/dd
Approved by				yyyy/mm/dd

2 2. What's new? Why should you use this software?

Only main changes are described in this section.

This version introduces new features and corrections from feedbacks received.

2_1 Product description

TetraJS is a javascript library that provides a high level abstraction of the Telium Tetra services. TetraJS library is intended for use in Tetra Web Applications.

For example, please find below a simple example using tetraJS:

- connect to the Buzzer service
- emit a beep
- disconnect from the Buzzer service.

```
tetra.service({ // Instantiate buzzer service
  service: 'local.device.buzzer',
  namespace: 'ingenico.device.buzzer'
})
.connect()
.call('Beep', { // Do a beep request
  data: {
    volume: 100,
    frequency: 2000,
    duration: 100
  }
})
.disconnect()
```

2_2 New features

To easily wait on service availability a new function has been introduced: checkServices. For example:

```
tetra.checkServices(['ingenico.desktopenv.Settings','ingenico.transaction.Manager'],
  {delay: 1000, try: 3})
  .success(function () {console.log("success")})
  .error(function () {console.log("error")});
```

For more details, please refer to documentation

2_3 Contents

–[tetraJS documentation](#)

An user manual is provided within this release “Tetra WebApps integration with Telium TetraServices”. It will detail tetraJS API, and explain how to access Telium cards functionalities.

–[tetraJS minified version](#)

This can be directly used in the web application for the final production build.

–tetraJS non minified version

It can be used for debug or for curious web developers.

2_4 JIRA references

2_4_1 Version 1.3.0

New Features:

TWO-119 [tetraJS] Add javascript API to easily create a webApp as a service

2_4_2 Version 1.1.0

New Features

TWO-88 [tetraJS] tetra.service force namespace to create service

TWO-101 [tetraJS] add event wakeup on tetra.weblet.on

Bugs

TWO-87 [tetraJS] tetra.lookup is not a promise

TWO-85 [tetraJS] tetra.setup is not a promise

TWO-83 [tetraJS] tetra.setup deletes properties

TWO-86 [tetraJS] tetra.lookup has no error callback

TWO-84 [tetraJS] tetra.setup has no error callback

3 Compatibility list

3_1 Web Platform

This tetraJS version requires Web Platform v2.4.0.

3_2 Application packaging



The Web Platform and tetra JS are still a work in progress and should be considered as beta. TetraJS is not guaranteed to be compatible with future versions.

Check compatibility and description in the next tetraJS release notes.