EasternGraphics
visualize your business

pCon.configurator Online

New Features in EAIWS 4.13

Document Version	1.0
Document Status	Final
Author	AKN
Date	27.04.2023

© EasternGraphics GmbH

Content

1 Configure Image Option in session and server startup 3
2 Request OBK version information 3
3 Allow Clients to Broadcast Messages to Plugins 3
4 Set Filename 3
5 Cache Control and HEAD Requests 3
6 OFML Support 4

1 Configure Image Option in Session and Server Startup

It is now possible to configure the image rendering options (see getGeneratedImage) in the EAIWS session and server startup file. By doing so you don't have to set those parameter via SOAP API and can save time. The EAIWS 4.13 already comes with the following parameters set in the server.cfg

```
egr.eai.server.export.default_image_options=format=JPG shadowPlane=true
shadowPlane.filter=DOF shadowPlane.color="0.4 0.4 0.4" "ambient=0.8 0.8
0.8" renderMode=PBR
```

If you are using your own server.cfg and want to use the settings above please change your server.cfg accordingly after updating your EAIWS.

2 Request OBK Version Information

EAIWS 4.13 provides a new function `getOBKVersionInfo` which allows you to get information about the loaded OBK file. E.g. you can find out the name and the version of the application which wrote the OBK.

3 Allow Clients to Broadcast Messages to Plugins

With the new operation `sendMessage` the clients can now send messages to EAIWS plugins. This can be used for example to exchange license information between client and plugin.

4 Set Filename

To set a filename for an exported file (e.g. image, geometry export or OBK) a mechanism was added to the HTTP server that allows the HTTP client to control the `Content-Disposition` response header for GET requests referencing files in the session cache.

To add a `Content-Disposition` response header, the client must pass a URL with a query component that contains a `contentDisposition` parameter and an optional `filename` parameter. The value of the `contentDisposition` parameter must be either inline or attachment.

5 Cache Control and HEAD Requests

EAIWS 4.13 supports the configuration of response headers in the server startup file. The only field name currently supported is `Cache-Control`.

© EasternGraphics GmbH

6 OFML Support

OCD / [EPDF]	4.3,4.2, 4.1, 4.0, 2.2, 2.1 / [1.1, 1.2, 1.3]
OAS / [XCF]	- / [2.10]
OAM	1.0
OAP	1.4
GO (MT, MP)	1.17.30
DSR	3.5

Legal remarks

© EasternGraphics GmbH | Albert-Einstein-Straße 1 | 98693 Ilmenau | GERMANY

This work (whether as text, file, book or in other form) is copyright. All rights are reserved by EasternGraphics GmbH. Translation, reproduction or distribution of the whole or parts thereof is permitted only with the prior agreement in writing of EasternGraphics GmbH.

EasternGraphics GmbH accepts no liability for the completeness, freedom from errors, topicality or continuity of this work or for its suitability to the intended purposes of the user. All liability except in the case of malicious intent, gross negligence or harm to life and limb is excluded.

All names or descriptions contained in this work may be the trademarks of the relevant copyright owner and as such legally protected. The fact that such trademarks appear in this work entitles no-one to assume that they are for the free use of all and sundry.