

Configuration of a Web Application and Support of its Development

Configuration of a web application is realized in the section *application* of the configuration file *smartweb.json*.

Here, it is possible to define an inactivity period of a logged on user (with at least one opened SmartWeb page) in minutes after which the user will be automatically logged out (*userSessionMaxInactivePeriod*), if this attribute is not defined directly on the object *user* in the D2000 system. The period after closing all tabs, after which the session of a logged on user will be closed, is defined by the attribute *httpSessionMaxInactivePeriod*.

The development section

In the development section, the developing regime of the access to the page in permitted (*devModeEnabled*, the keyboard shortcut CTRL+ALT+D is also permitted); rebundling of an application is permitted too (*rebundlingEnabled*, the keyboard shortcut CRTL+ALT+R).

The webResourceDirectories section

In this section, it is necessary to define whole path to the application directory (*directoryPath*). Necessary JavaScript libraries (*dependencies*), which will be automatically downloaded, are defined here. The attribute *downloadBundleEngine* defines whether there should be a bundle engine downloaded before the application start - this is necessary only when first starting the application. By the attribute *downloadProxyUrl*, the address of the proxy server is set, if it is necessary. The attribute *bundleAtServerStart* defines whether the application should be rebundled when starting the web server - it is necessary only when the source files of pages have been modified and rebundling was not called manually.

```
smartweb.json

{
    "application": {
        "httpSessionMaxInactivePeriod": "5",
        "userSessionMaxInactivePeriod": "30",

        // Development section defines if DEV mode and rebundling operation is enabled (default values are true)
        "development": {
            "devModeEnabled": "true",
            "rebundlingEnabled": "true"
        },
        // Definition of application resource directories and corresponding configuration of SmartWeb Bundle
        Engine
        "webResourceDirectories": [
            {
                "type": "APPLICATION",
                "downloadBundleEngine": "true",
                "downloadProxyUrl": "http://proxy:3128",
                "bundleAtServerStart": "true",
                "applicationFilesFilter": "glob:{*.js, pages/*.js}",
                "componentFilesFilter": "glob:{custom/components.js}",
                "dependencies": [
                    "npm:bootstrap@3.3.7"
                ],
                "directoryPath": "D:\\IdeaProjects\\smart-web\\cust\\cust-tutorial\\cust-tutorial-
src\\src\\main\\javascript\\app"
            }
        ]
    }
}
```