

## Configuration: build a word-document as PDF file

The SURE build server starts build scripts to create deliverable files from source files loaded in SURE. This document describes the procedure how a DOCX file (or DOC file) loaded in SURE is built as a PDF file by the SURE build server.

### Configuration

The DOC-to-PDF conversion is done by a PowerShell script.

1. The following example PowerShell script is delivered with the SUREforWindows GUI:  
`<SfW installation directory>\RIS\HELP\doc2pdf.ps1`
  - You can use the example PowerShell script as a template to create your own PowerShell script.
2. Executing the PowerShell script has the following **requirements**:
  - Microsoft Office must be installed on the Windows server where the SURE build runs
  - PowerShell must be activated via the following command (in administrator mode):  
Command prompt> powershell Set-ExecutionPolicy RemoteSigned
3. Save the PowerShell script in SURE as a PC-file and assign it to the SURE build server:
  - Example:
    - o Save doc2pdf.ps1 in SURE as BuildTool\doc2pdf.ps1
4. Define the build command for the word documents that you want to convert to PDF:
  - The build command can be linked to the PC-file-type of the Word document, or the build command can be linked directly to the Word document
  - The build command is as follows:

```
powershell -file <WORKDIR>\BuildTool\doc2pdf.ps1 "<WORKDIR>\<FULLNAME>"  
del build.err
```

<WORKDIR> will be replaced by SURE with the <SURE build directory>

<FULLNAME> will be replaced by SURE with the full name of the Word document

- When the build command is linked to a PC-file-type:
    - o Create new PC-File-type DOC2PDF, with the following properties:
      - Skip examine after check-in = TRUE
      - Delta files disabled = TRUE
      - Is binary file = TRUE
      - Object location inheritance = 'Inherit object location 1, 2 or 3'
      - Click on button [PC build commands] and enter the build command (see above)
    - o Give the appropriate Word-documents file-type = DOC2PDF
  - When the build command is directly linked to the Word document:
    - o SfW → Rightclick on the Word document → Properties → Tab: Object
      - Click on button [PC build commands] and enter the build command (see above)
      - Check that the Word document is linked to the SURE build server
5. Put the Word document in the SURE build queue and start the SURE build server