AUTOSAR AP 예제
- PER 01 -

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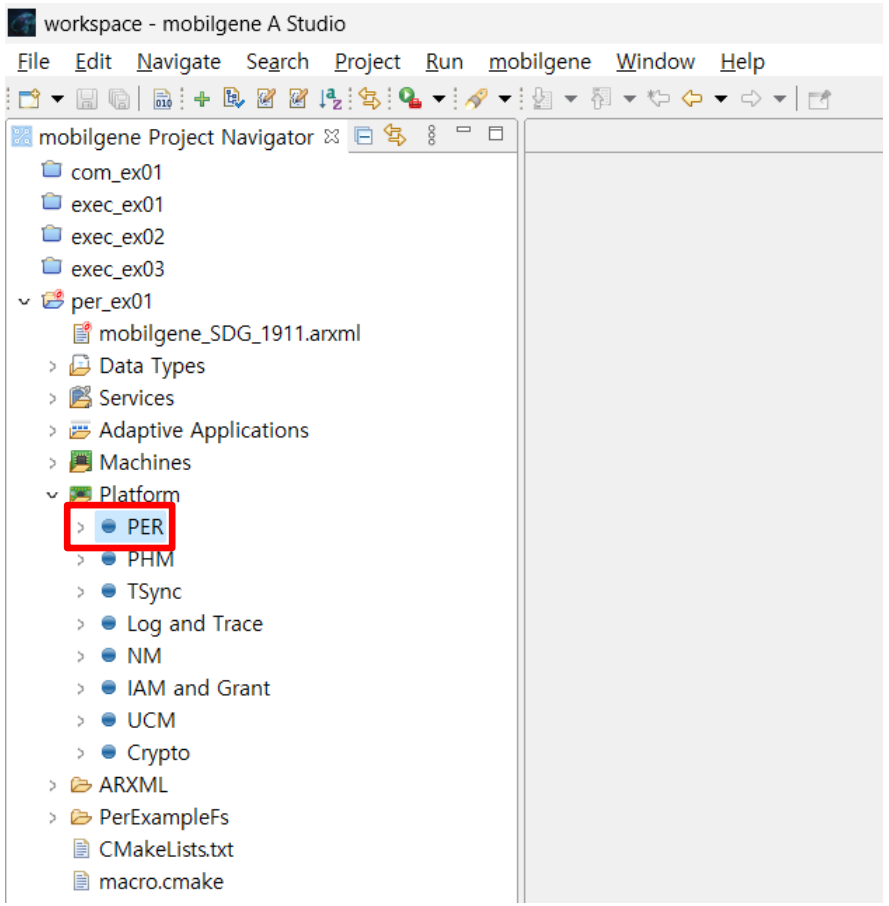
2024-07-07

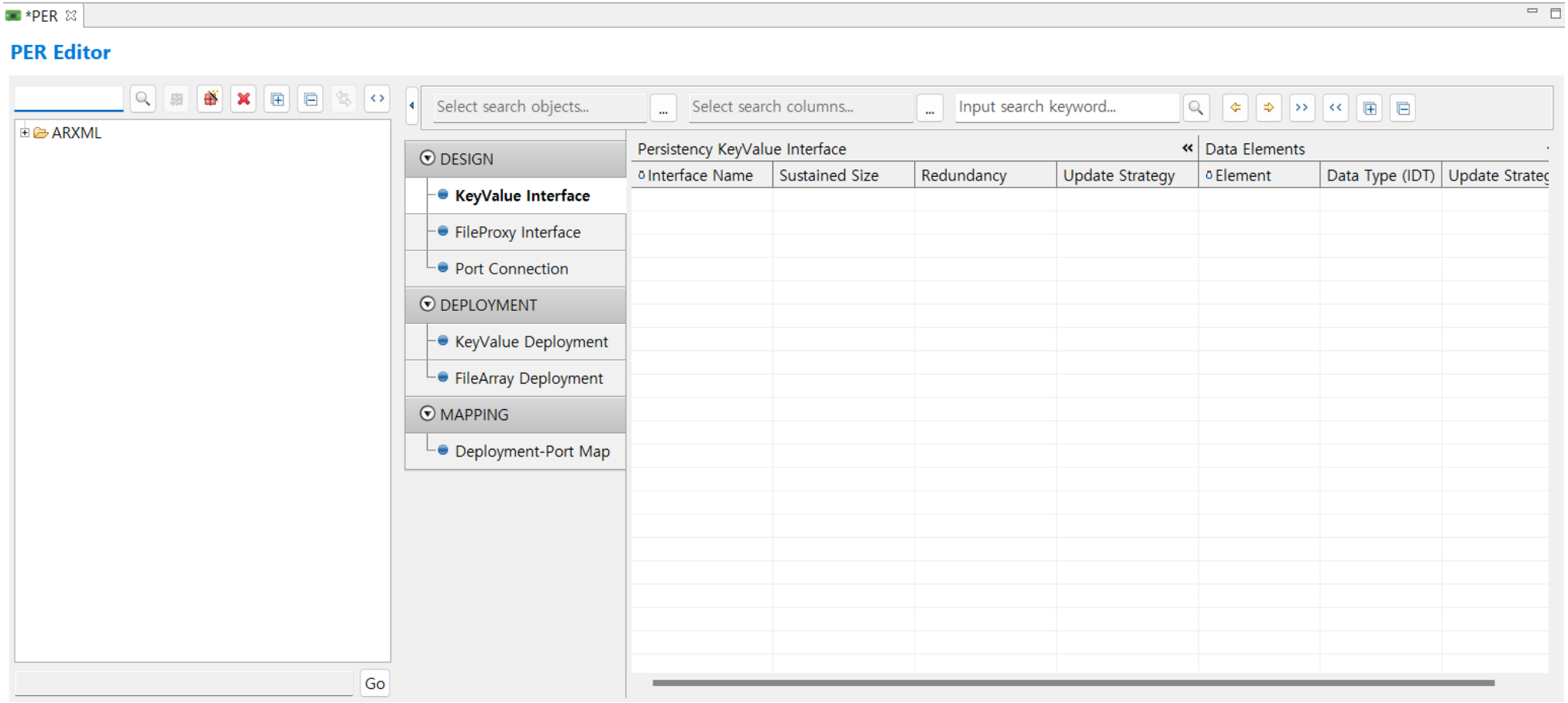
PER: Platform (PER) 설정

- **PER Editor 활성화**
  - ✓ 왼쪽의 'mobilgene Project Navigator' 창에서 해당 Project의 'Platform' – 'PER'를 더블 클릭함



PER: Platform (PER) 설정

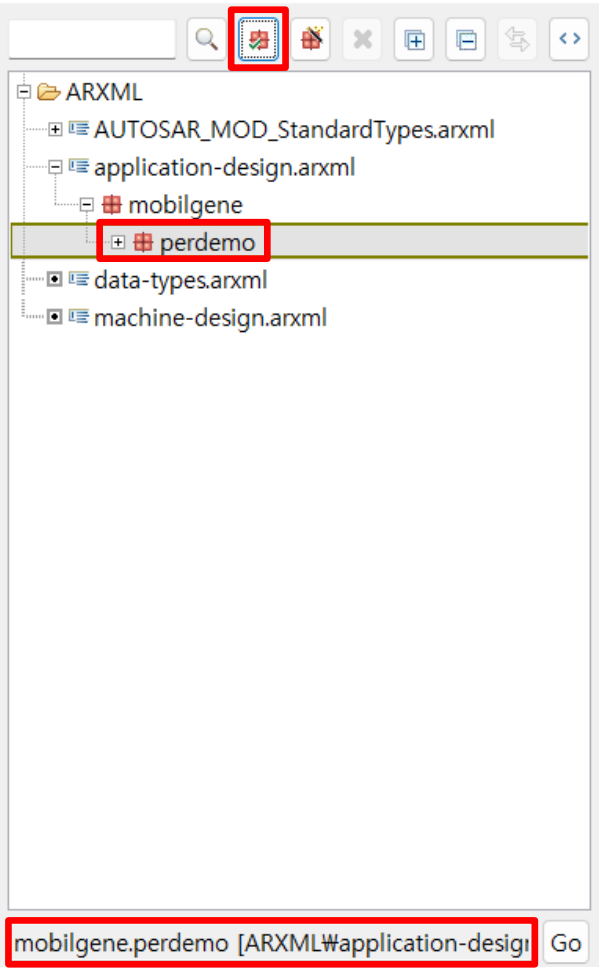
- **PER Editor 활성화 확인**
  - ✓ 활성화 된 PER Editor를 확인함



PER: Platform (PER) 설정

- **Default Package 설정**
  - ✓ 설정이 저장될 Default Package를 설정함
    - ✓ Default Package로 설정할 'perdemo' Package를 선택함
    - ✓ 우측 상단의 'Set Default Package' 버튼을 클릭함
    - ✓ 하단에 설정된 Default Package를 확인함

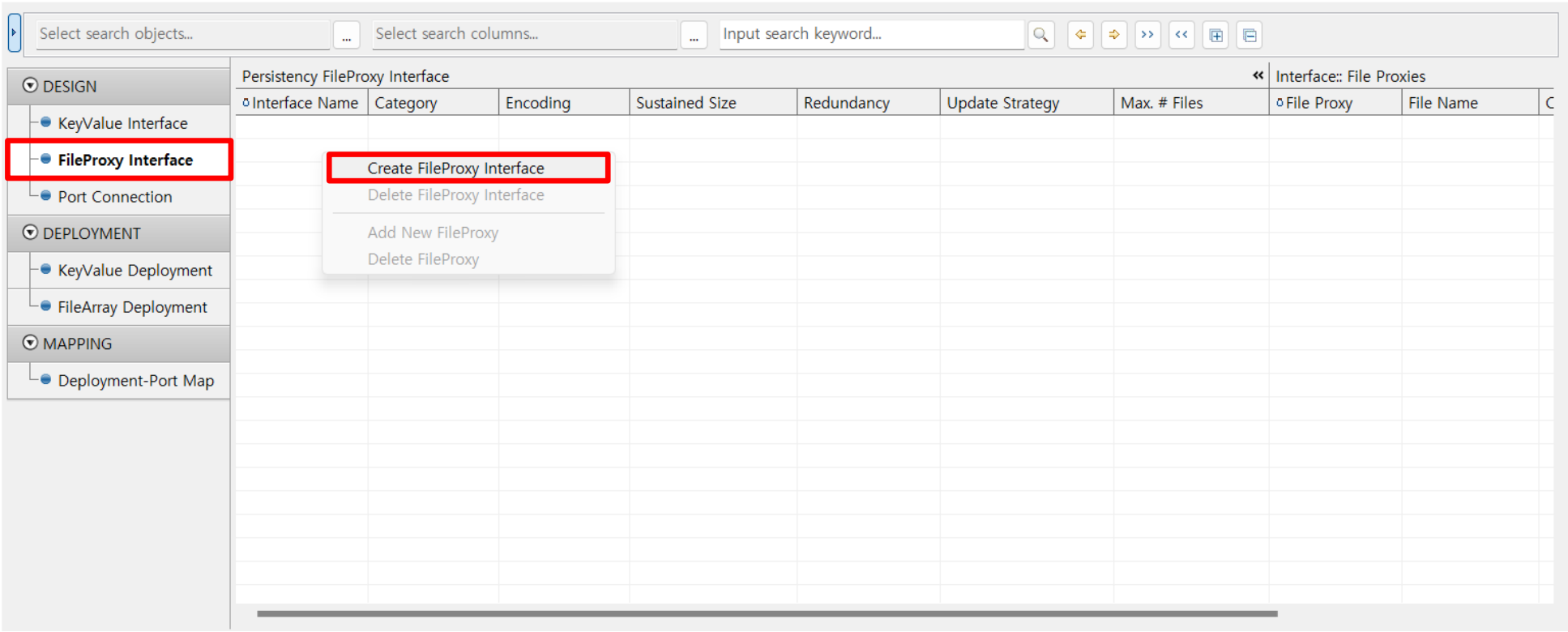
PER Editor



PER: Platform (PER) 설정

- **File Proxy Interface 추가**
  - ✓ File Proxy Interface 추가를 위해 좌측의 'FileProxy Interface' 탭으로 이동함
  - ✓ 빈 곳에서 우클릭을 하여 'Create FileProxy Interface'를 클릭함

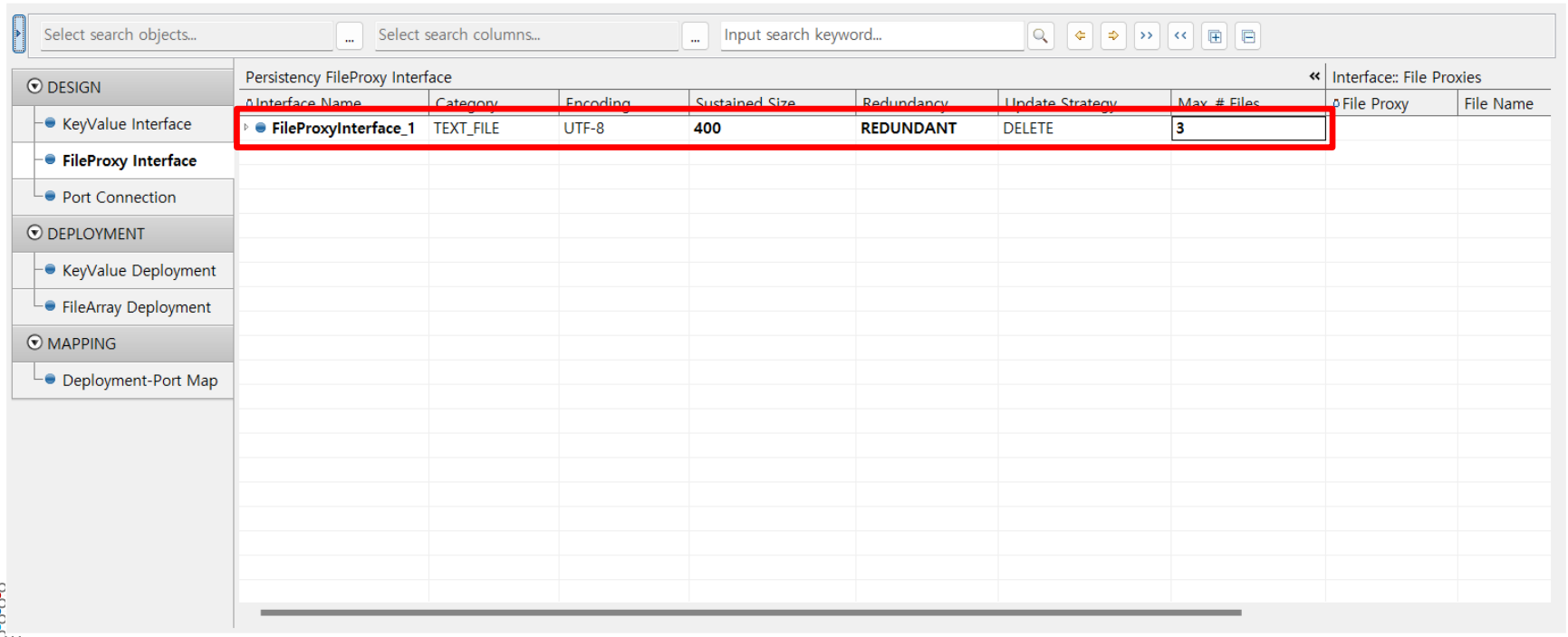
PER Editor



PER: Platform (PER) 설정

- **File Proxy Interface 추가 확인 및 설정**
  - ✓ 생성된 새로운 File Proxy Interface를 확인하고 다음과 같이 수정함
    - ✓ Sustained Size : '400'
    - ✓ Redundancy : 'REDUNDANT'
    - ✓ Max. # Files : '3'

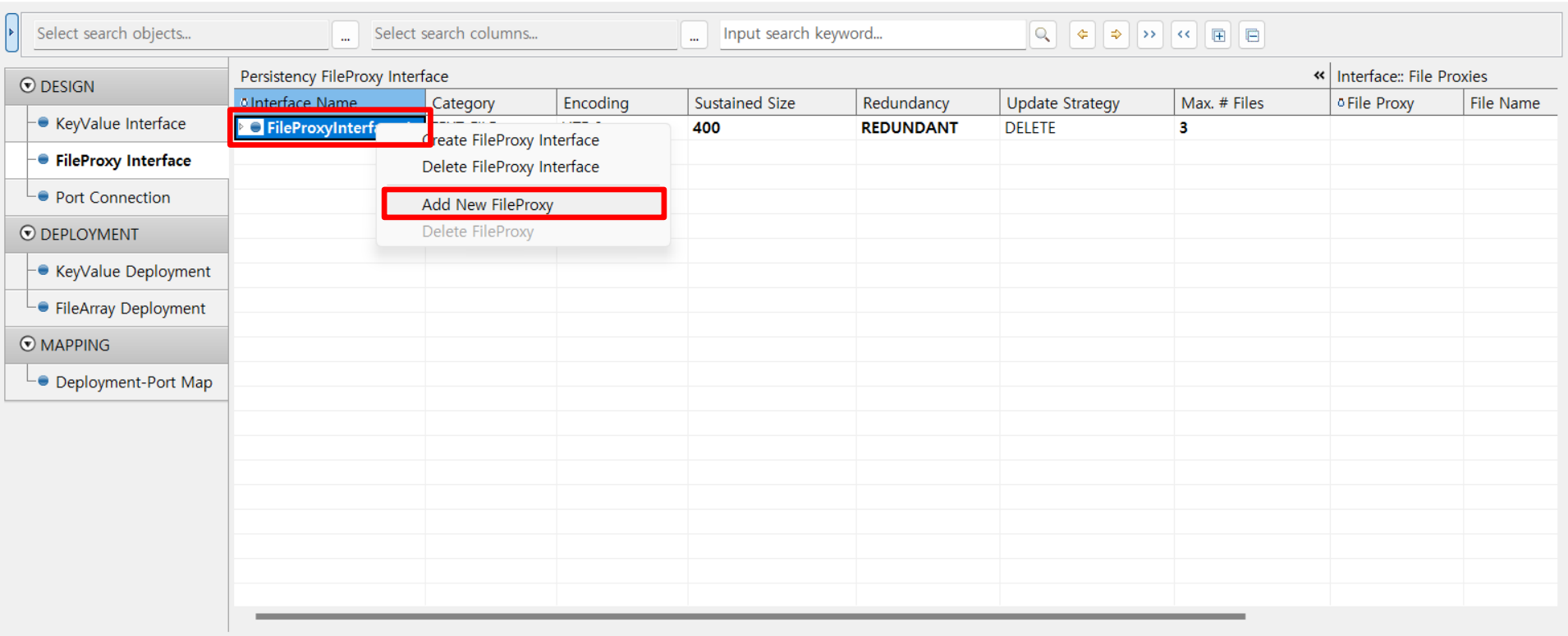
PER Editor



PER: Platform (PER) 설정

- **File Proxy 추가**
  - ✓ File Proxy Interface에서 우클릭을 하여 'Add New FileProxy'을 클릭함

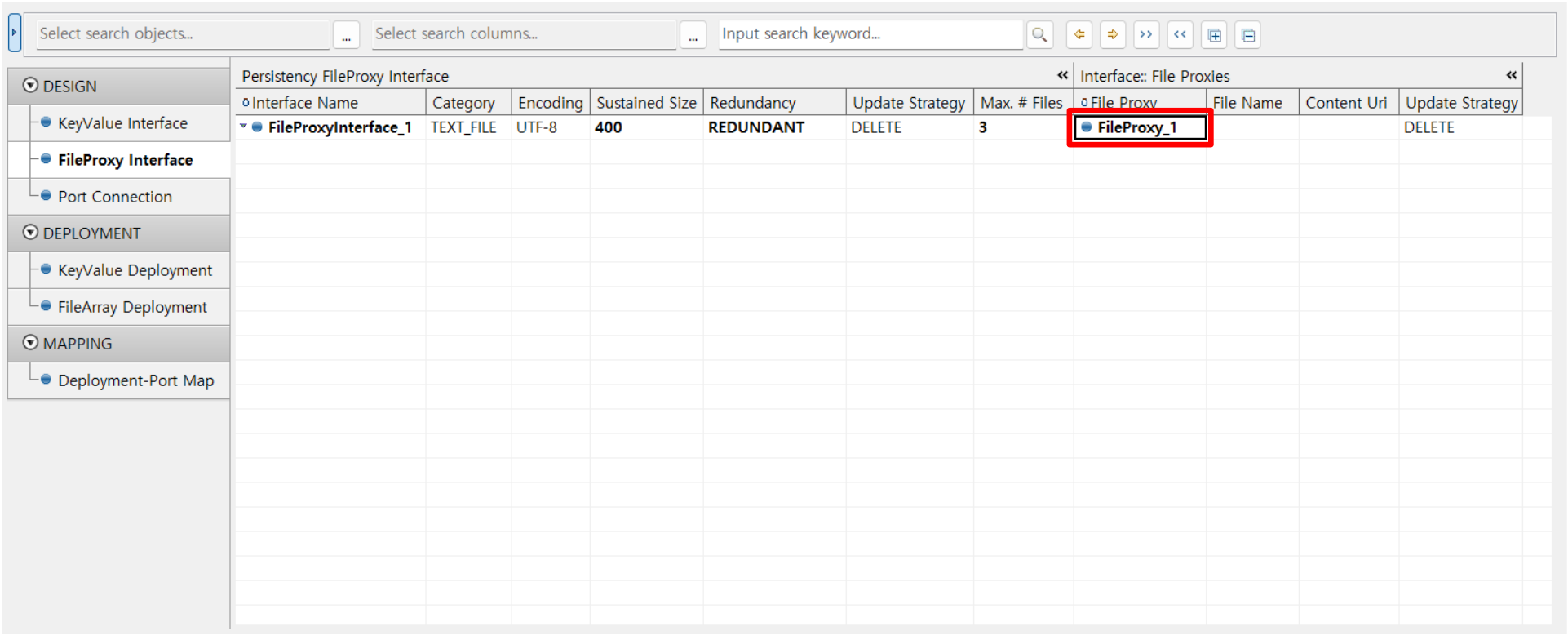
PER Editor



PER: Platform (PER) 설정

- **File Proxy 추가 확인**
  - ✓ 생성된 새로운 File Proxy를 확인함

PER Editor



PER: Platform (PER) 설정

- **File Proxy 설정**
  - ✓ 생성된 File Proxy를 다음과 같이 수정함
    - ✓ File Name : 'ReadOnlyFile1.txt'
    - ✓ Content Uri : 'files/MobilgeneMofNFP/ReadOnlyFile1.txt'

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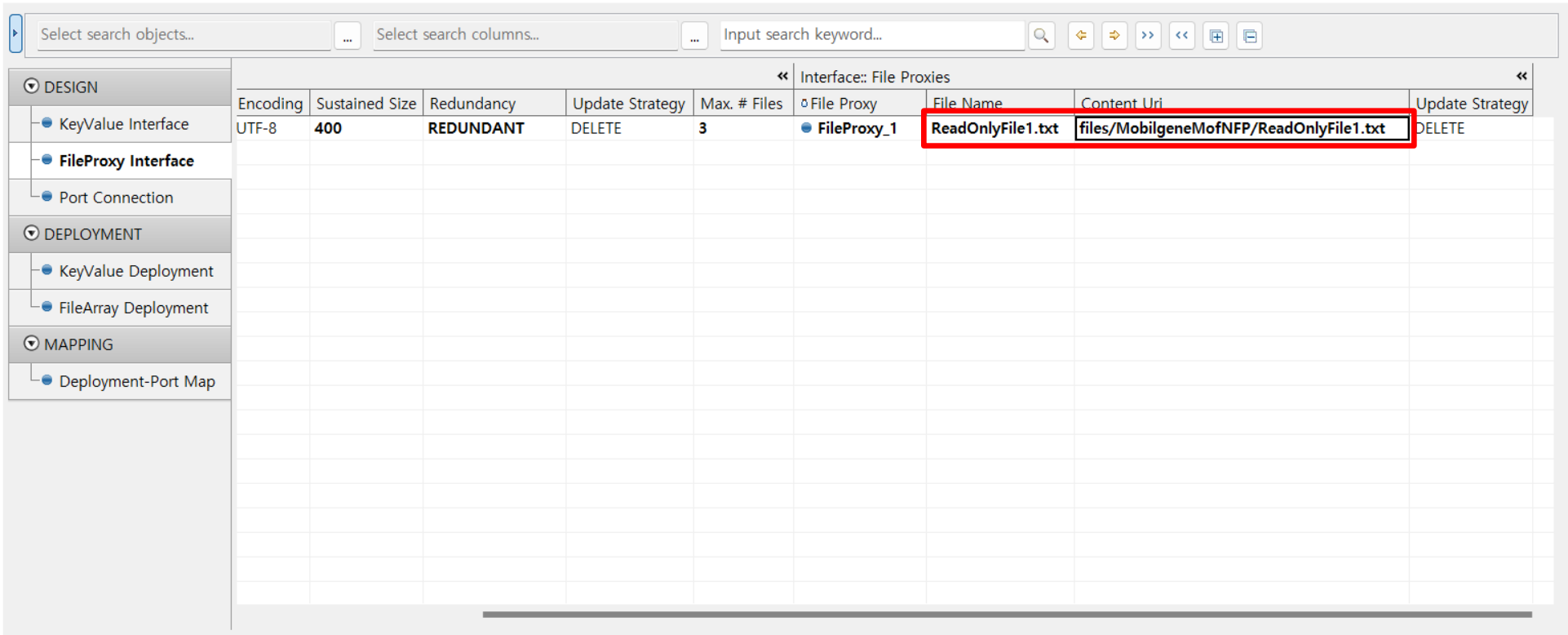
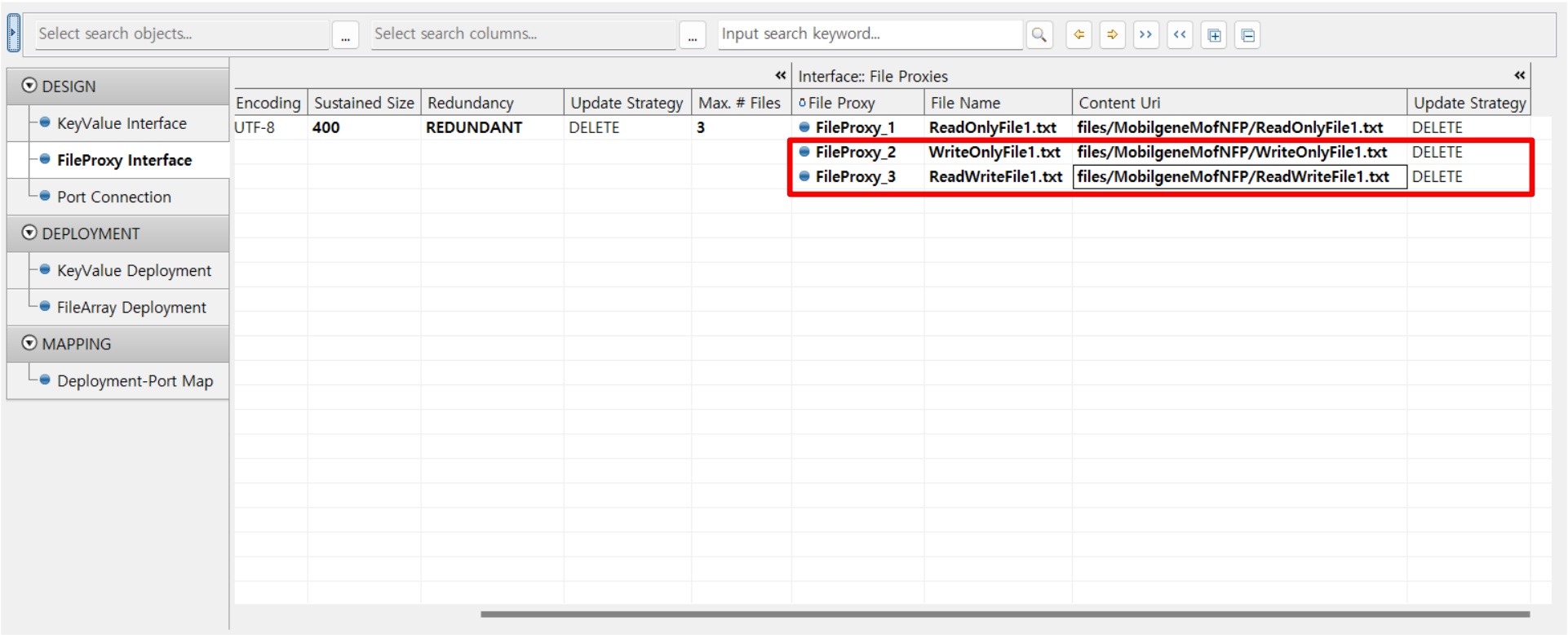


PER: Platform (PER) 설정

- **File Proxy 추가 설정**
  - ✓ 동일한 과정을 통해 2개의 File Proxy를 추가하고, 다음과 같이 수정함

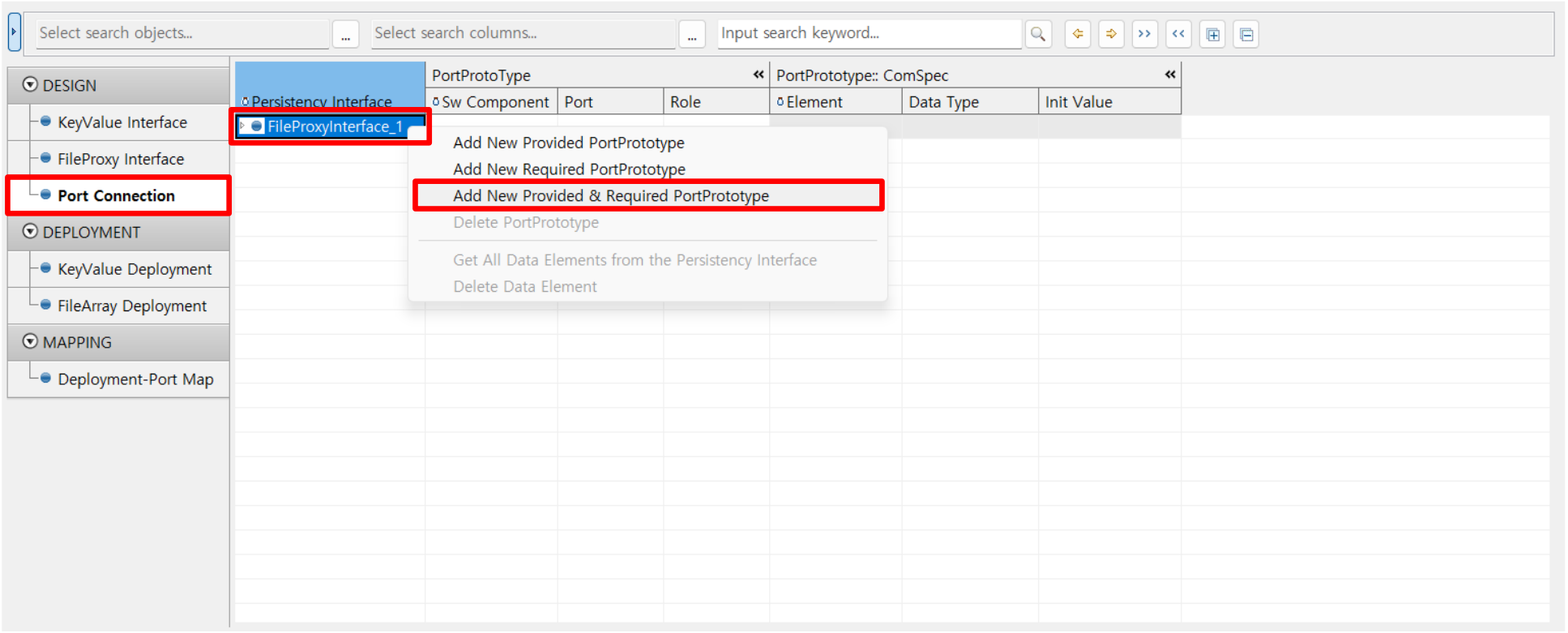
PER Editor



PER: Platform (PER) 설정

- **Port Prototype 추가**
  - ✓ Port Prototype 추가를 위해 좌측의 'Port Connection' 탭으로 이동함
  - ✓ File Proxy Interface에서 우클릭을 하여 'Add New Provided & Required PortPrototype'을 클릭함

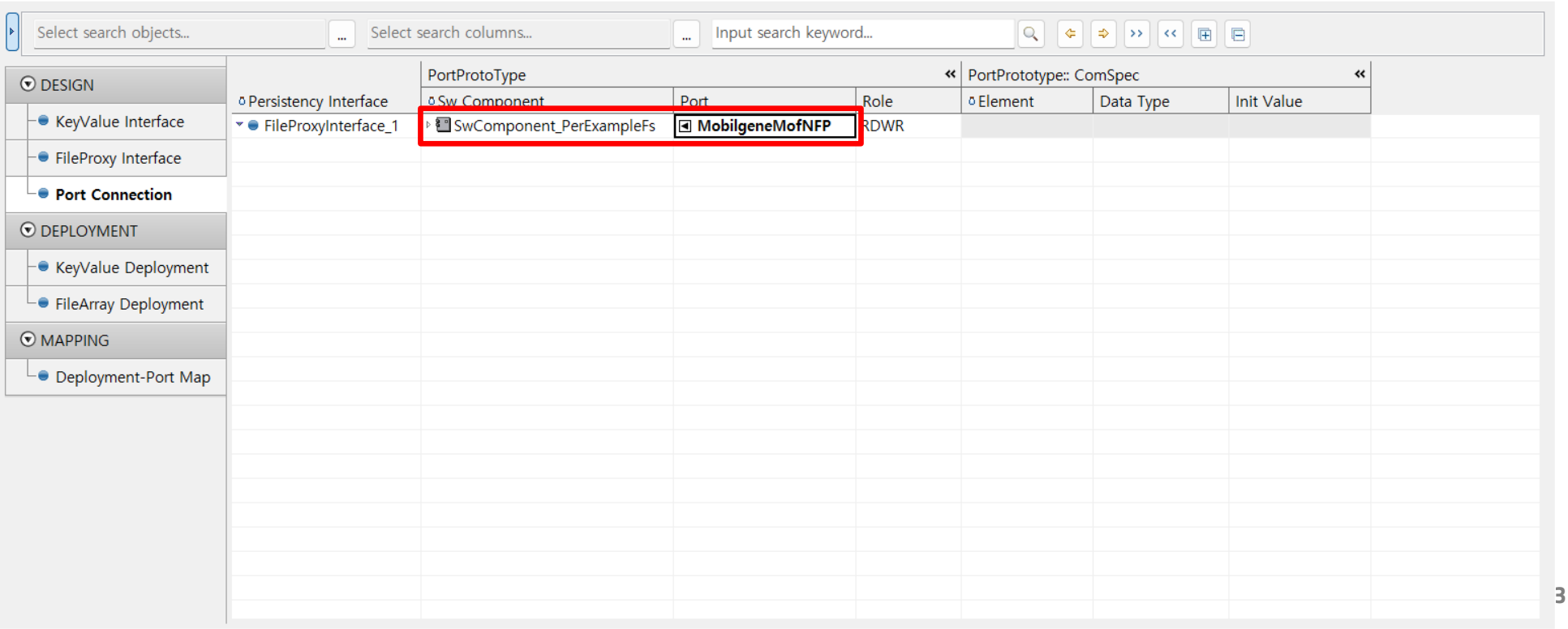
PER Editor



PER: Platform (PER) 설정

- **Port Prototype 추가 확인 및 설정**
  - ✓ 생성된 새로운 Port Prototype을 확인하고 다음과 같이 수정함
    - ✓ Sw Component : 'SwComponent_PerExampleFs'
    - ✓ Port : 'MobilgeneMofNFP'

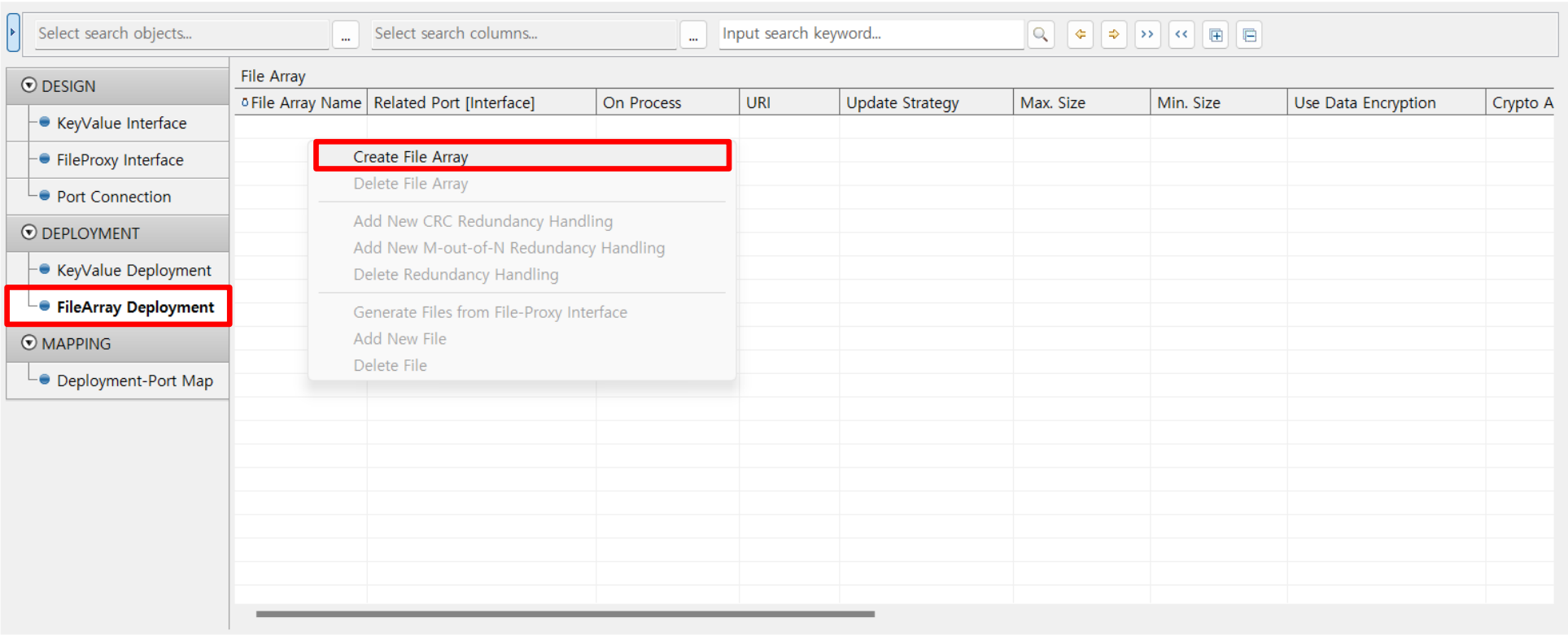
PER Editor



PER: Platform (PER) 설정

- **File Array 추가**
  - ✓ File Array 추가를 위해 좌측의 'FileArray Deployment' 탭으로 이동함
  - ✓ 빈 곳에서 우클릭을 하여 'Create File Array'를 클릭함

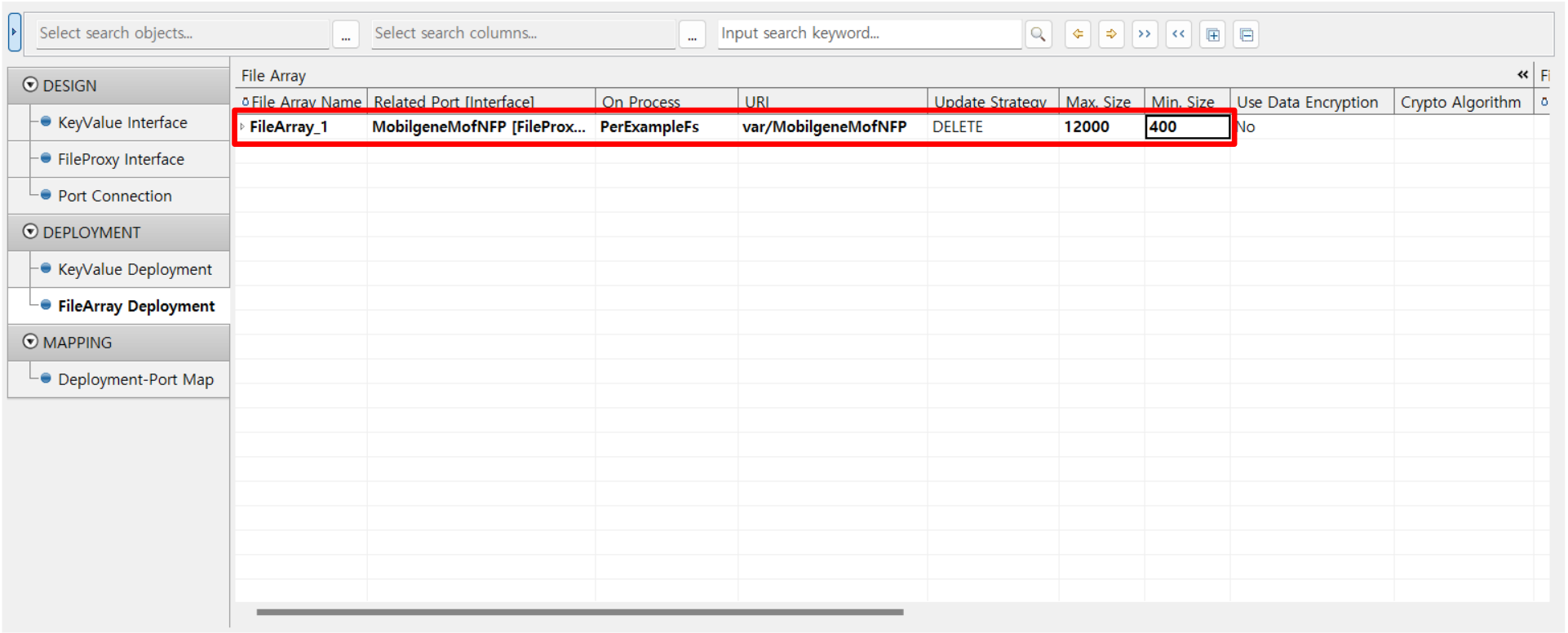
PER Editor



PER: Platform (PER) 설정

- **File Array 추가 확인 및 설정**
  - ✓ 생성된 새로운 File Array를 확인하고 다음과 같이 수정함

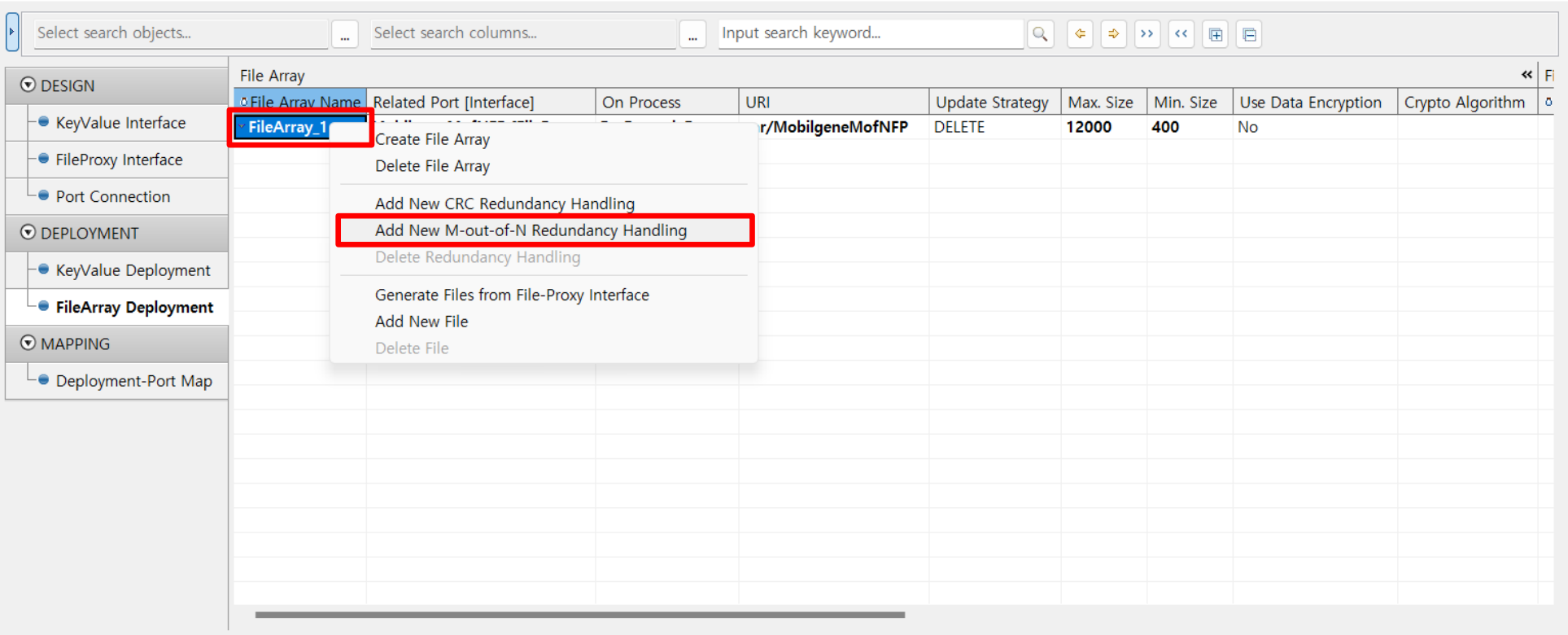
PER Editor



PER: Platform (PER) 설정

- **M-out-of-N Redundancy 추가**
  - ✓ File Array에서 우클릭하여 'Add New M-out-of-N Redundancy Handling'을 클릭함

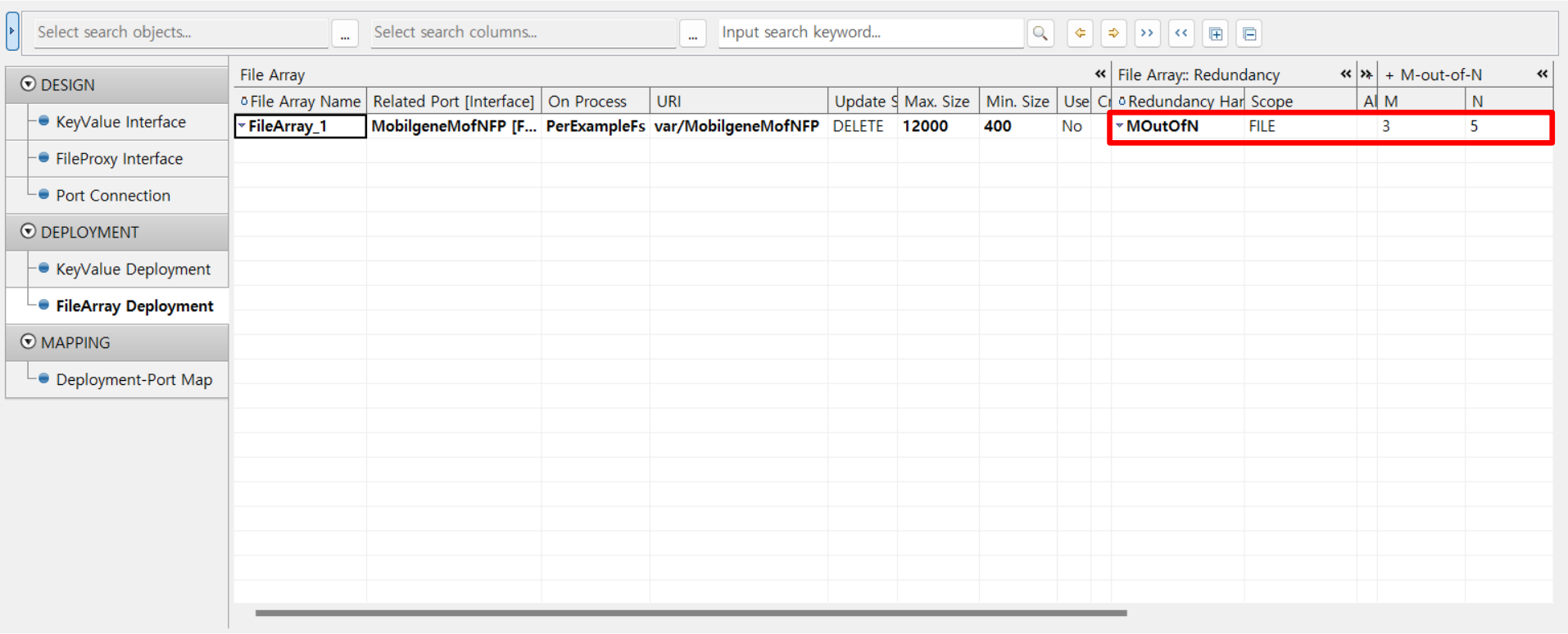
PER Editor



PER: Platform (PER) 설정

- **M-out-of-N Redundancy 추가 확인**
  - ✓ 생성된 새로운 M-out-of-N Redundancy를 확인함

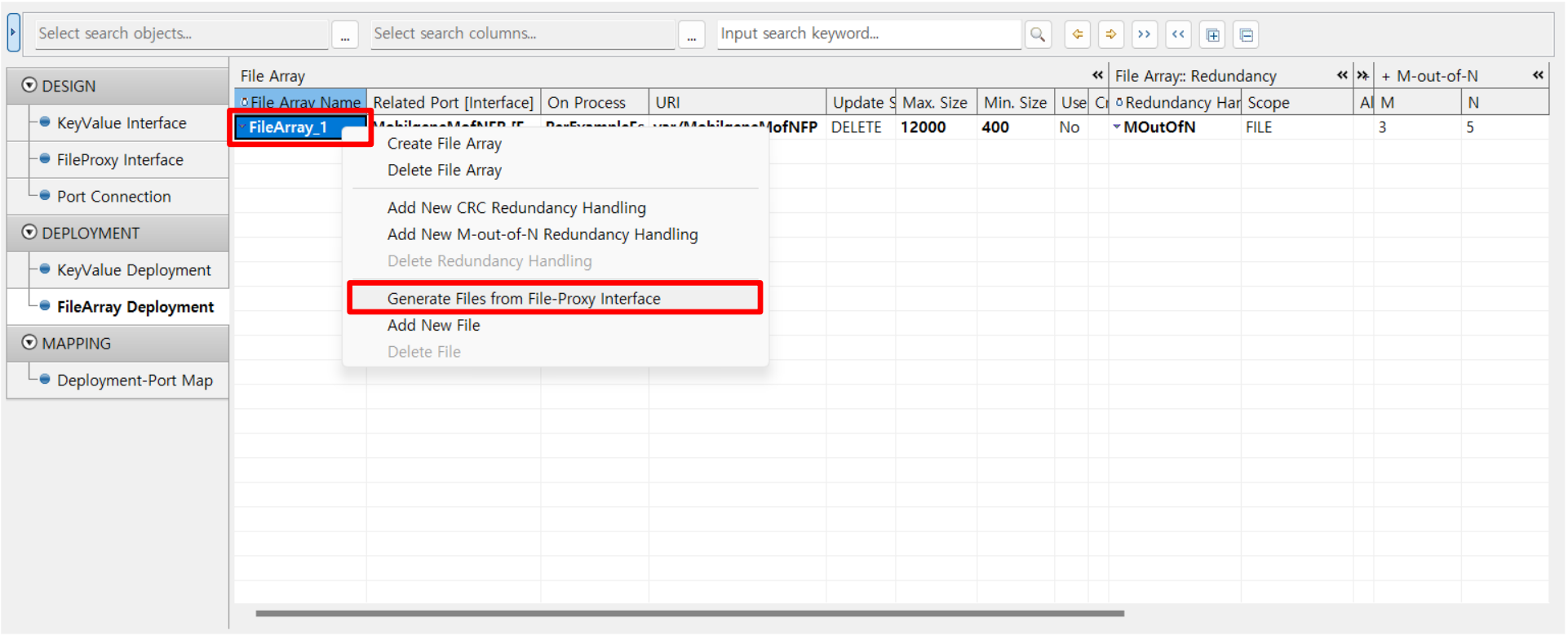
PER Editor



PER: Platform (PER) 설정

- **File Array 내 Files 생성**
  - ✓ File Array에서 우클릭하여 'Generate Files from File-Proxy Interface'를 클릭함

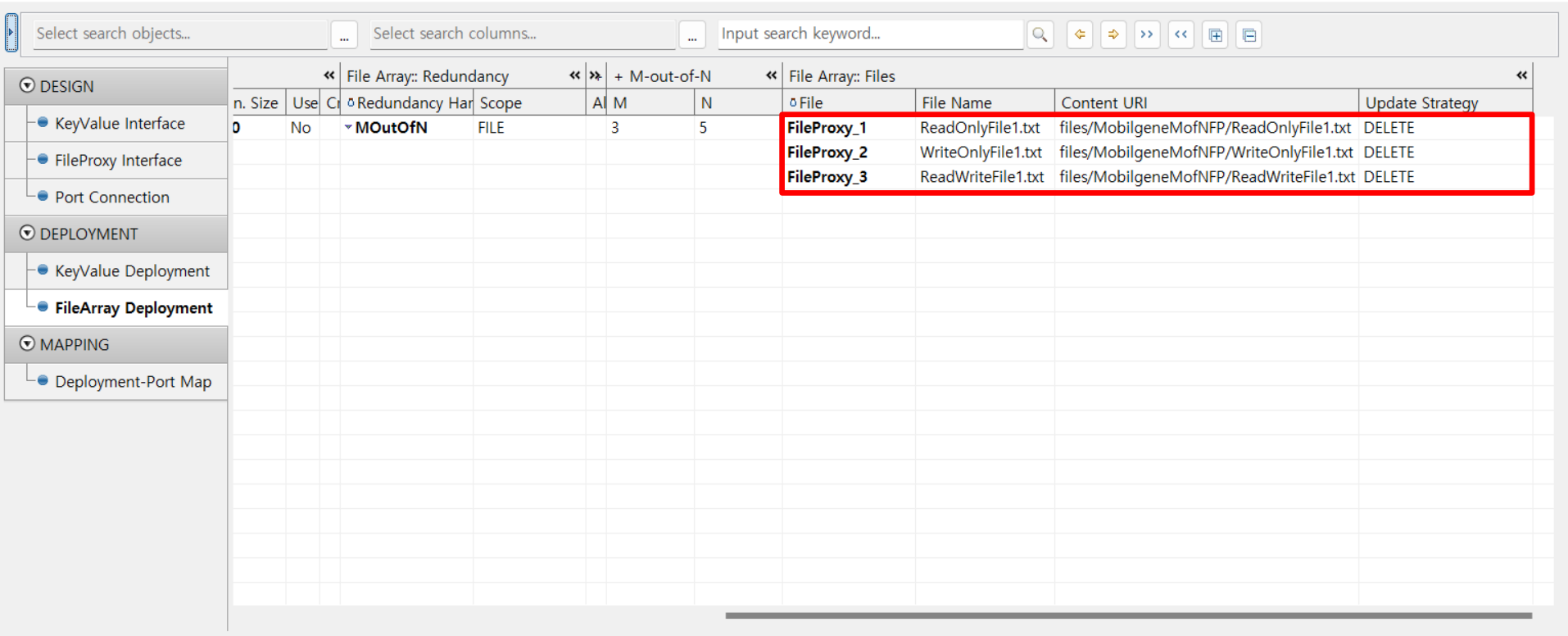
PER Editor



PER: Platform (PER) 설정

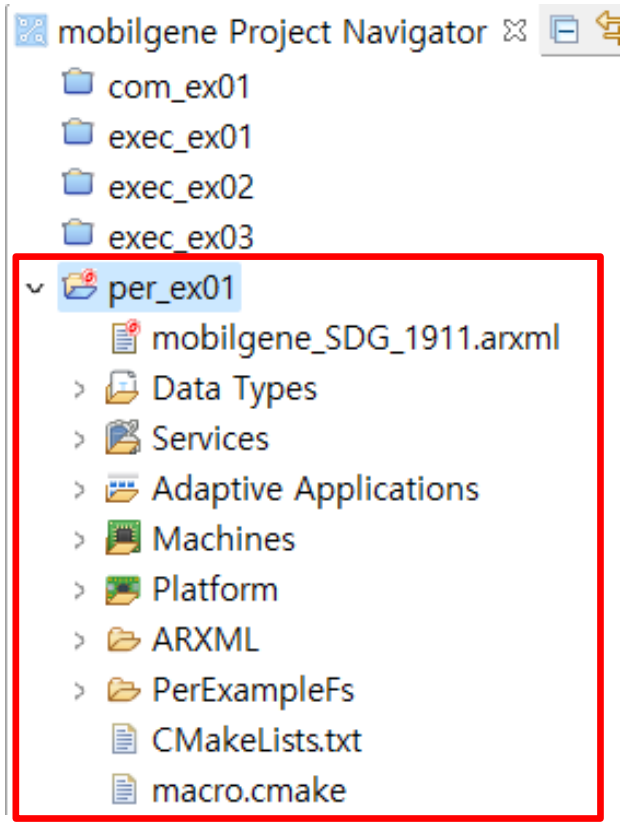
- **File Array 내 Files 생성 확인**
  - ✓ File Proxy Interface 설정을 바탕으로 Files가 생성된 것을 확인함

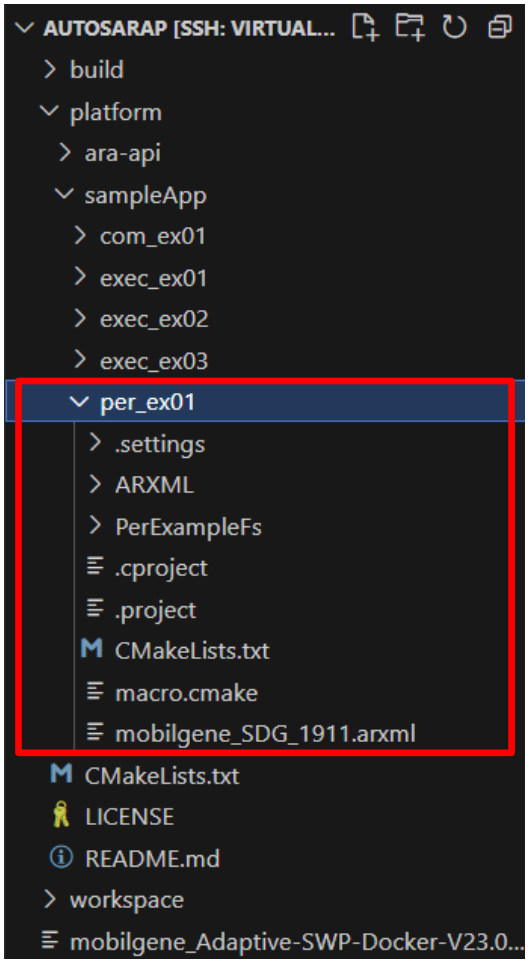
PER Editor



PER: Build

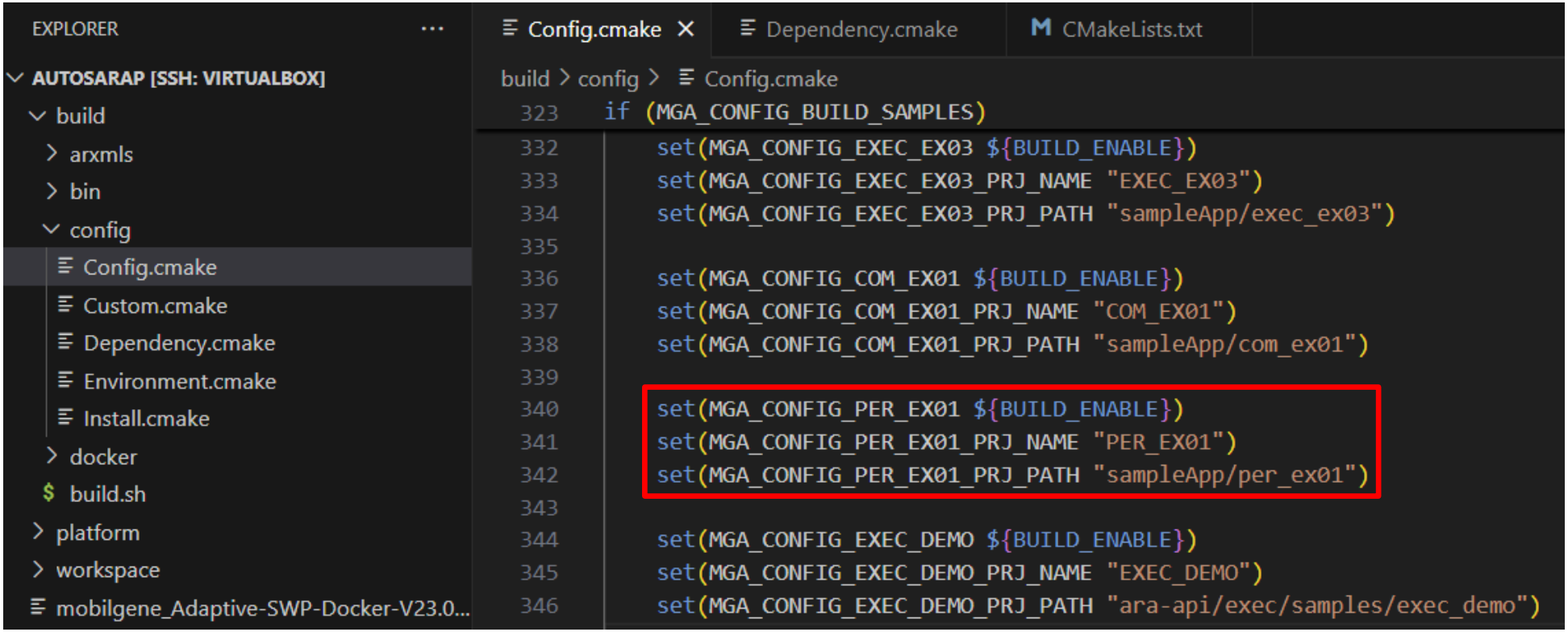
- 개발 내용 빌드 환경으로 복사
  - ✓ mobilgene A Studio에서 개발한 Adaptive Application을 빌드 환경으로 복사





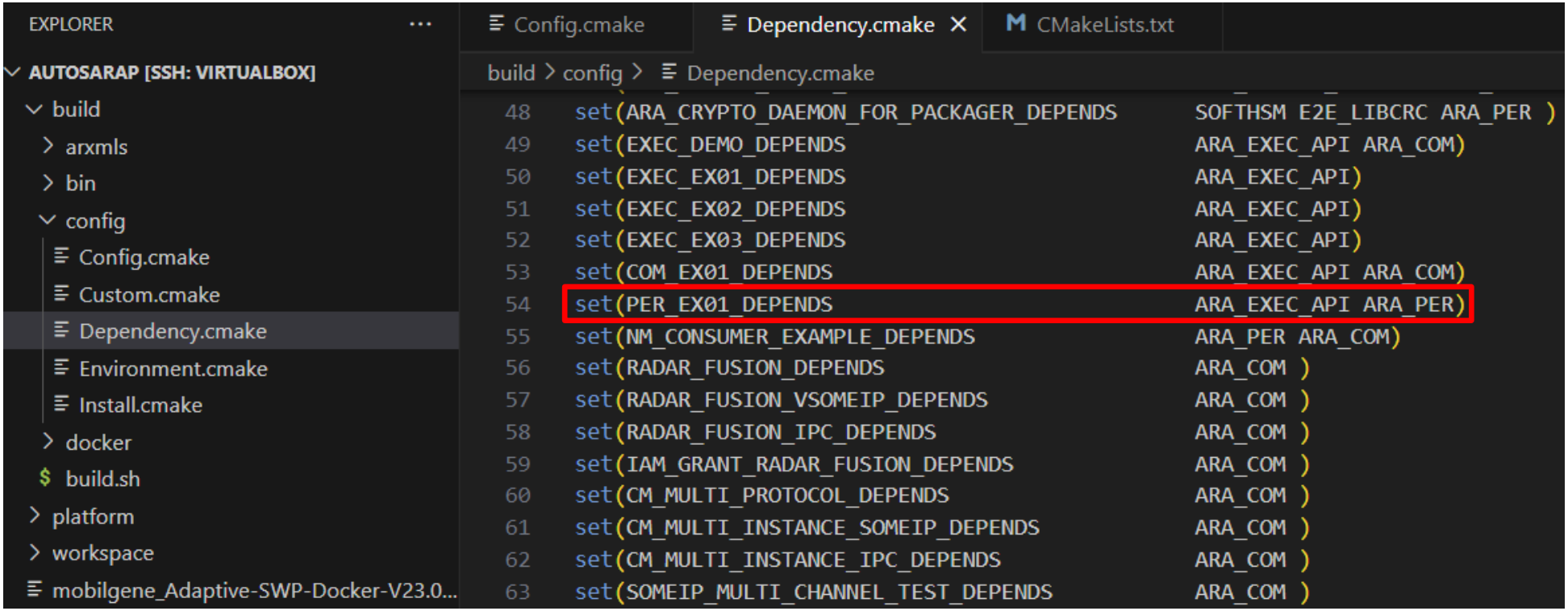
PER: Build

- **Adaptive Application 관련 매크로 설정 추가**
  - ✓ 'build' – 'config' - 'Config.cmake'에 추가하고자 하는 Adaptive Application 관련 매크로 설정 추가



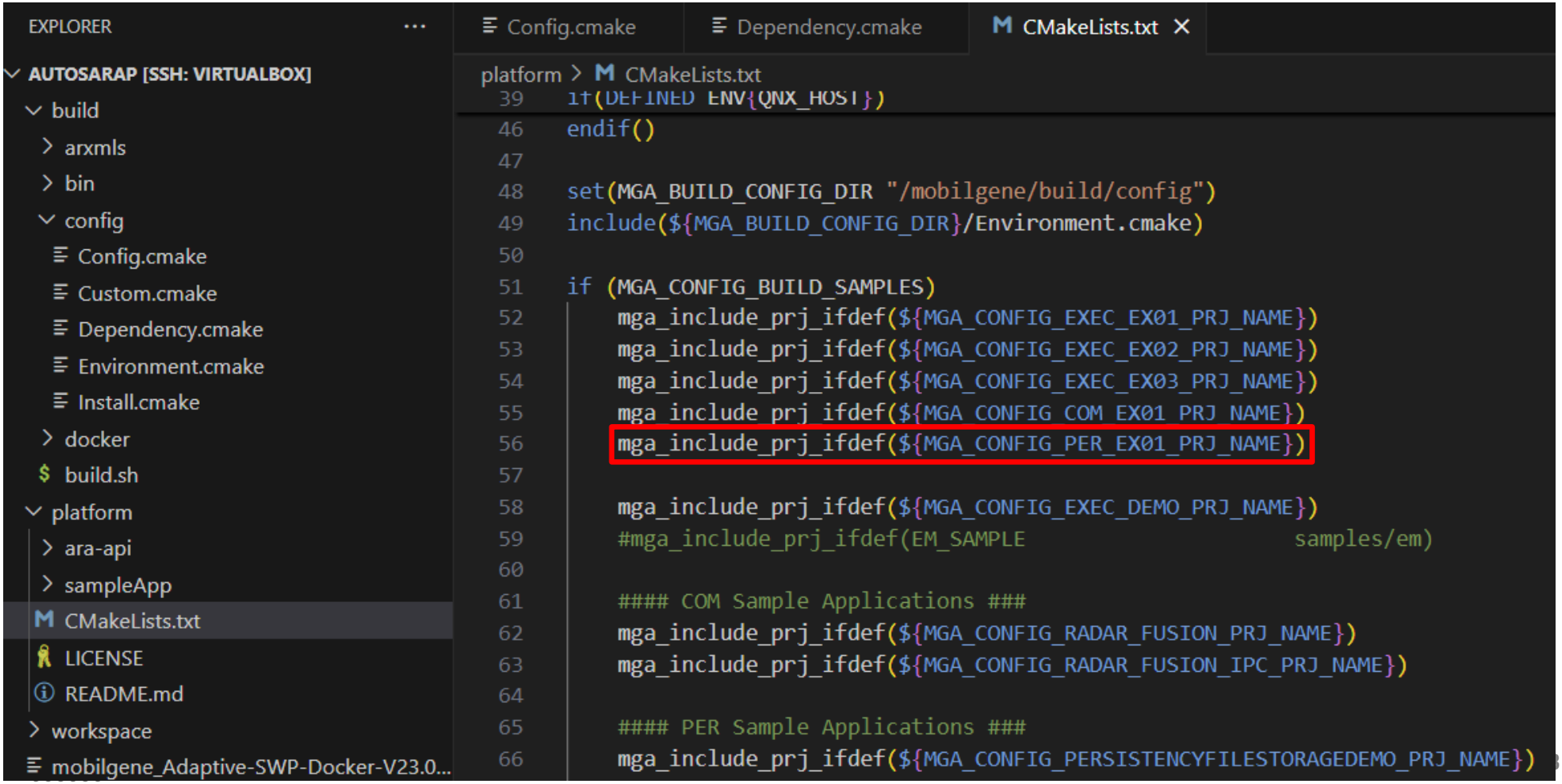
PER: Build

- **Adaptive Application 관련 의존성 설정 추가**
  - ✓ 'build' – 'config' - 'Dependency.cmake'에 추가하고자 하는 Adaptive Application 관련 의존성 설정 추가



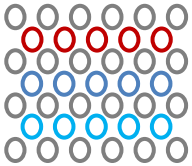
PER: Build

- **Adaptive Application을 Build 목록에 추가**
  - ✓ Adaptive Application을 'platform' - 'CMakeLists.txt'에 추가하여 Build 목록에 추가



Q & A

Thank you for your attention



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