AUTOSAR AP 예제
- PER 02 -

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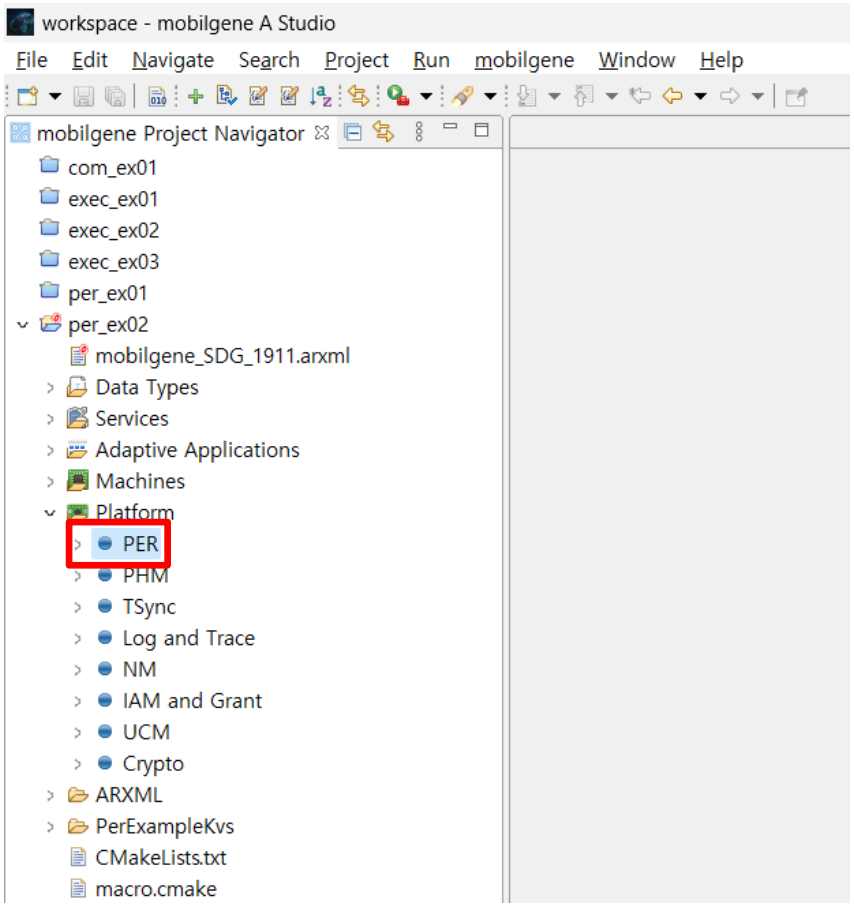
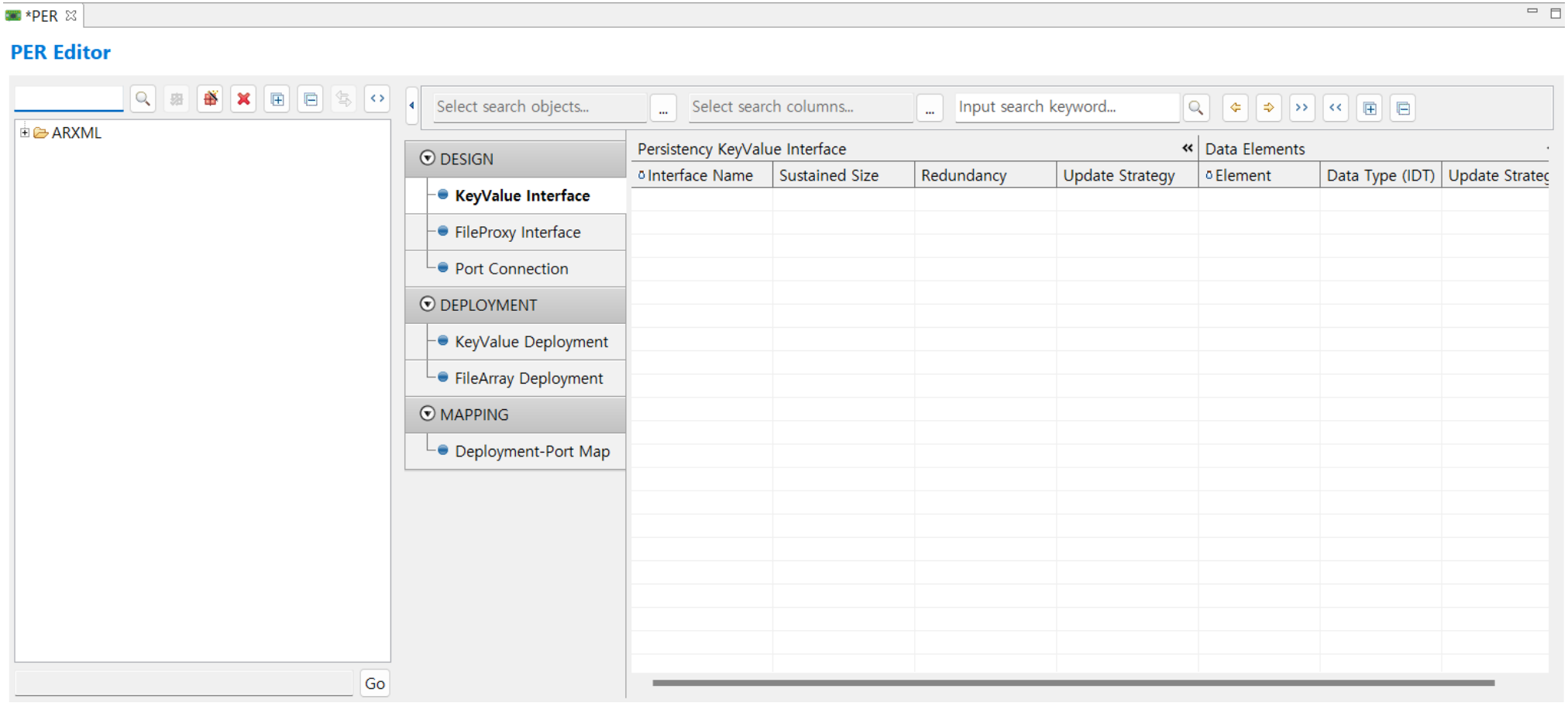
PER: Platform (PER) 설정

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



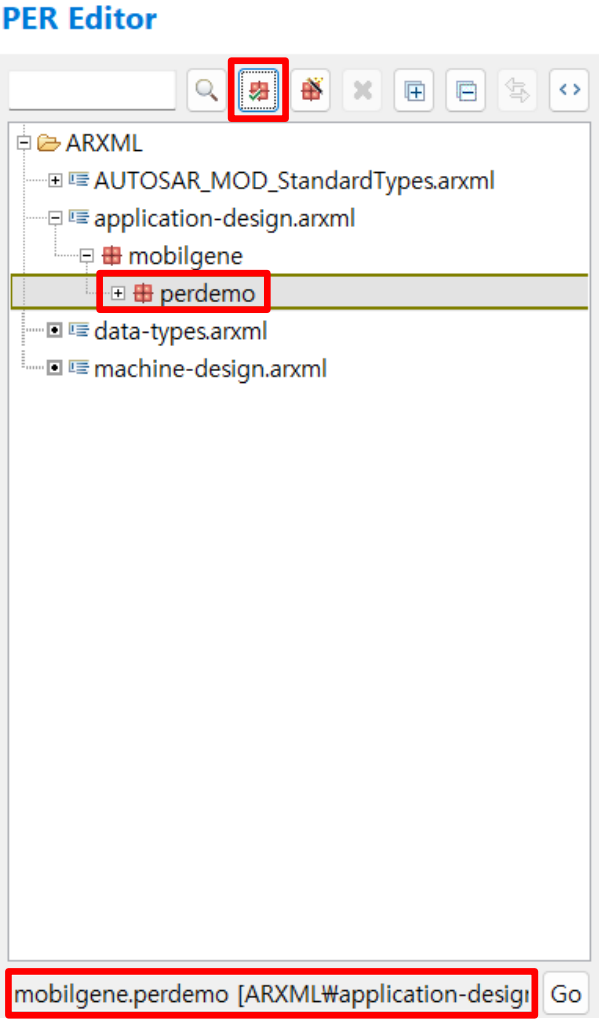
PER: Platform (PER) 설정

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



PER: Platform (PER) 설정

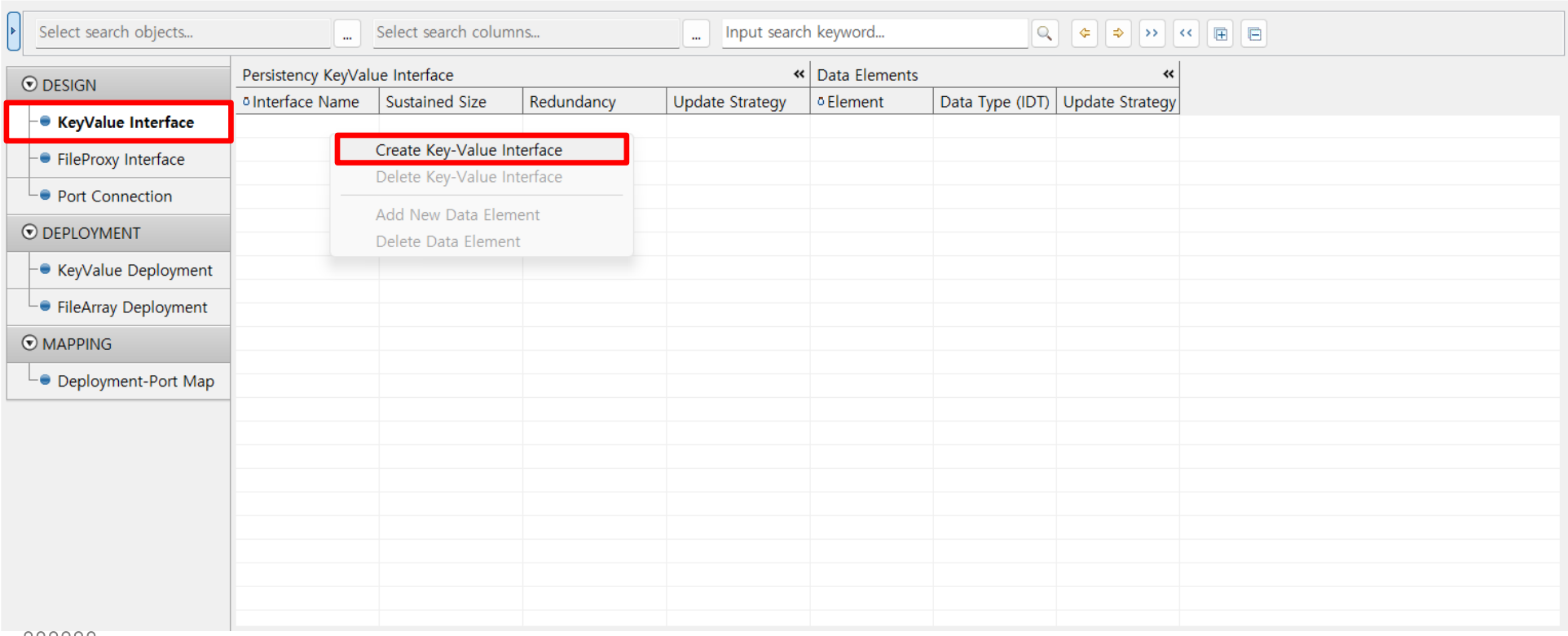
- **Default Package 설정**
  - ✓ 설정이 저장될 Default Package를 설정함
    - ✓ Default Package로 설정할 'perdemo' Package를 선택함
    - ✓ 우측 상단의 'Set Default Package' 버튼을 클릭함
    - ✓ 하단에 설정된 Default Package를 확인함



PER: Platform (PER) 설정

- **Key-Value Interface 추가**
  - ✓ Key-Value Interface 추가를 위해 좌측의 'KeyValue Interface' 탭으로 이동함
  - ✓ 빈 곳에서 우클릭을 하여 'Create Key-Value Interface'를 클릭함

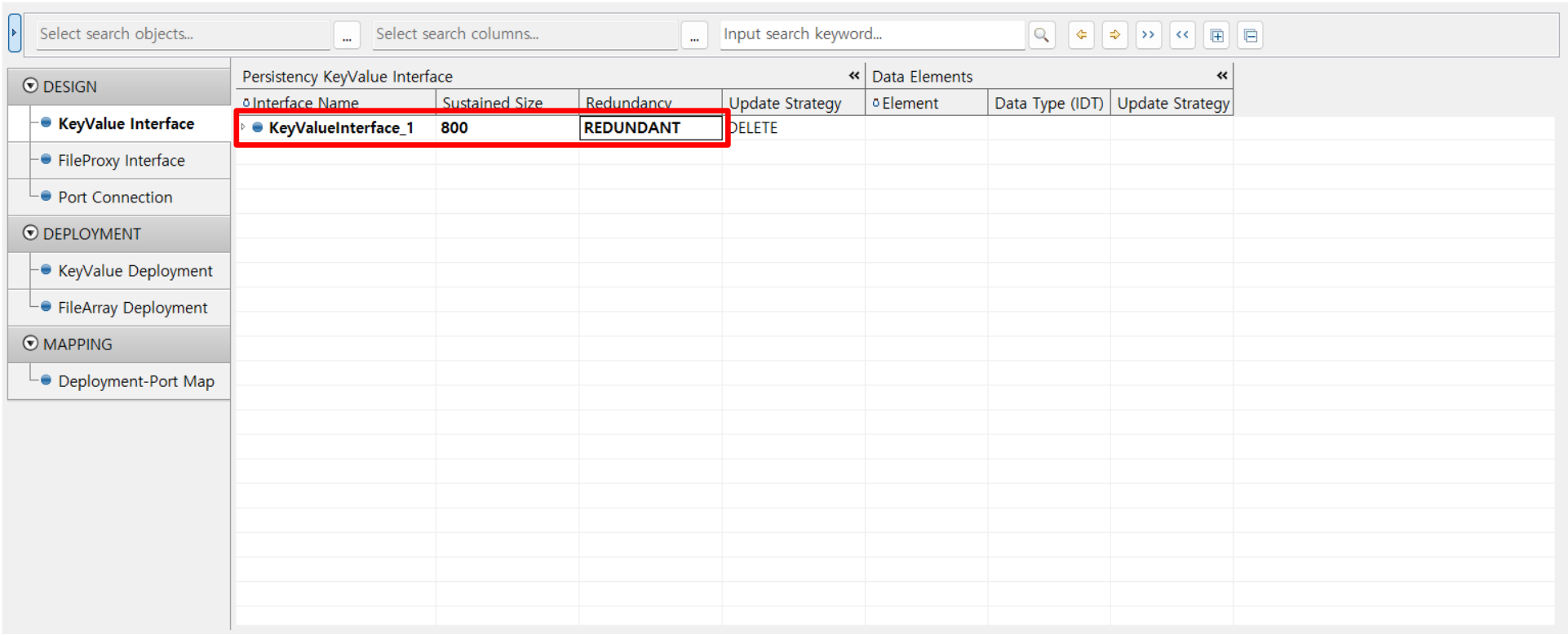
PER Editor



PER: Platform (PER) 설정

- **Key-Value Interface 추가 확인 및 설정**
  - ✓ 생성된 새로운 Key-Value Interface를 확인하고 다음과 같이 수정함
    - ✓ Sustained Size : '800'
    - ✓ Redundancy : 'REDUNDANT'

PER Editor



PER: Platform (PER) 설정

- **Data Element 추가**
  - ✓ Key-Value Interface에서 우클릭을 하여 'Add New Data Element'를 클릭함

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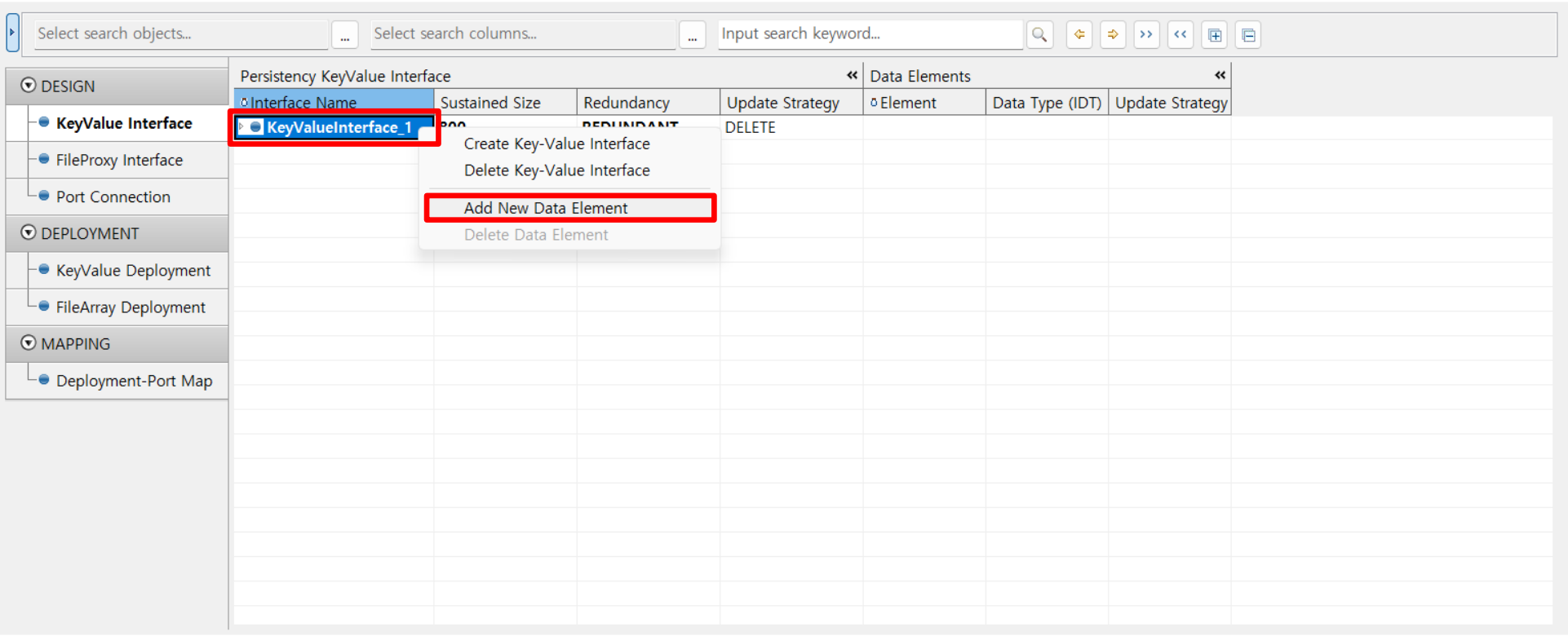
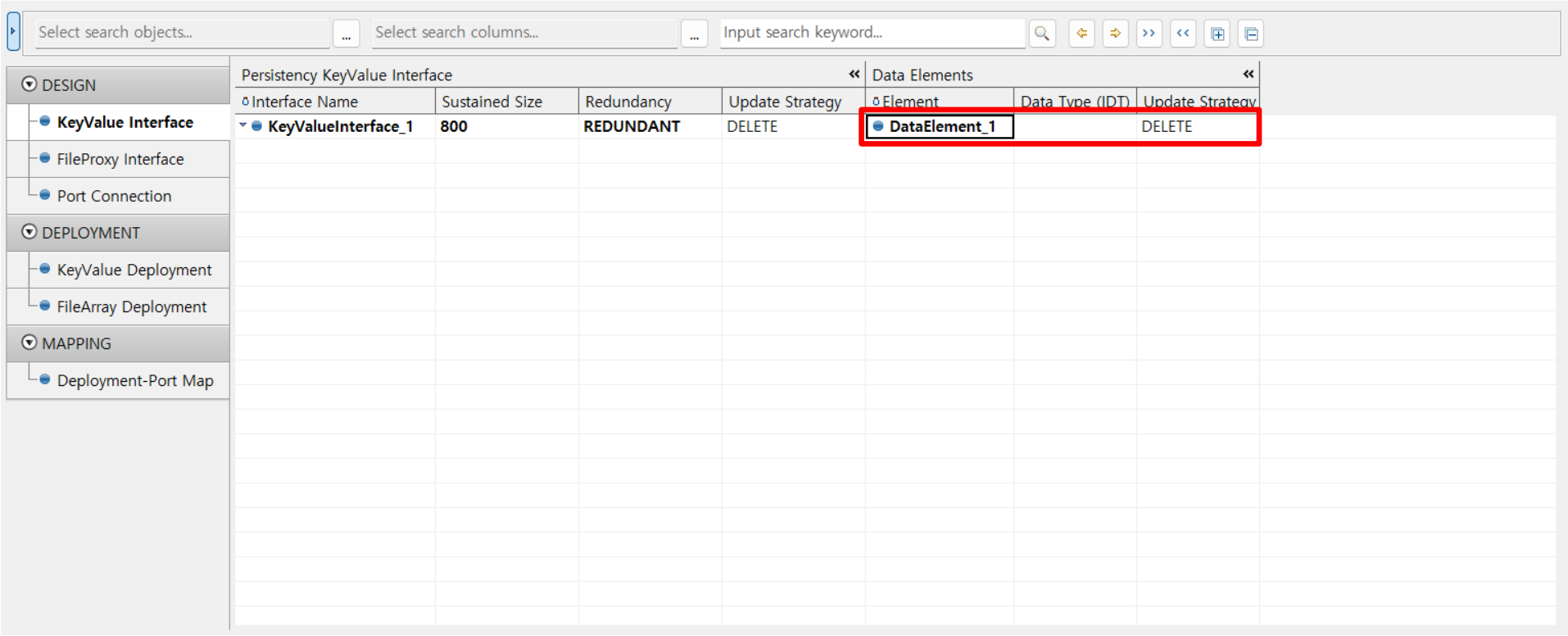


PER: Platform (PER) 설정

- **Data Element 추가 확인**
  - ✓ 생성된 새로운 Data Element를 확인함

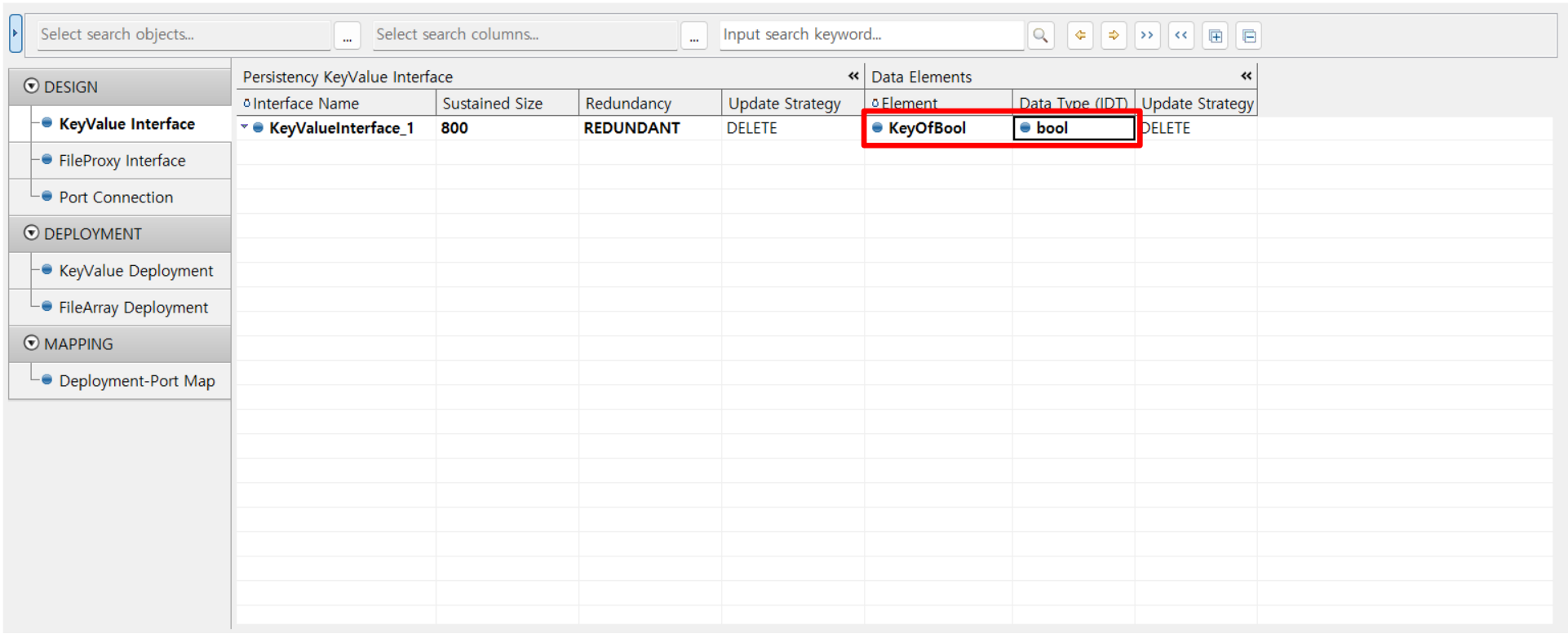
PER Editor



PER: Platform (PER) 설정

- **Data Element 설정**
  - ✓ 생성된 Data Element를 다음과 같이 수정함
    - ✓ Element : 'KeyOfBool'
    - ✓ Data Type (IDT) : 'bool'

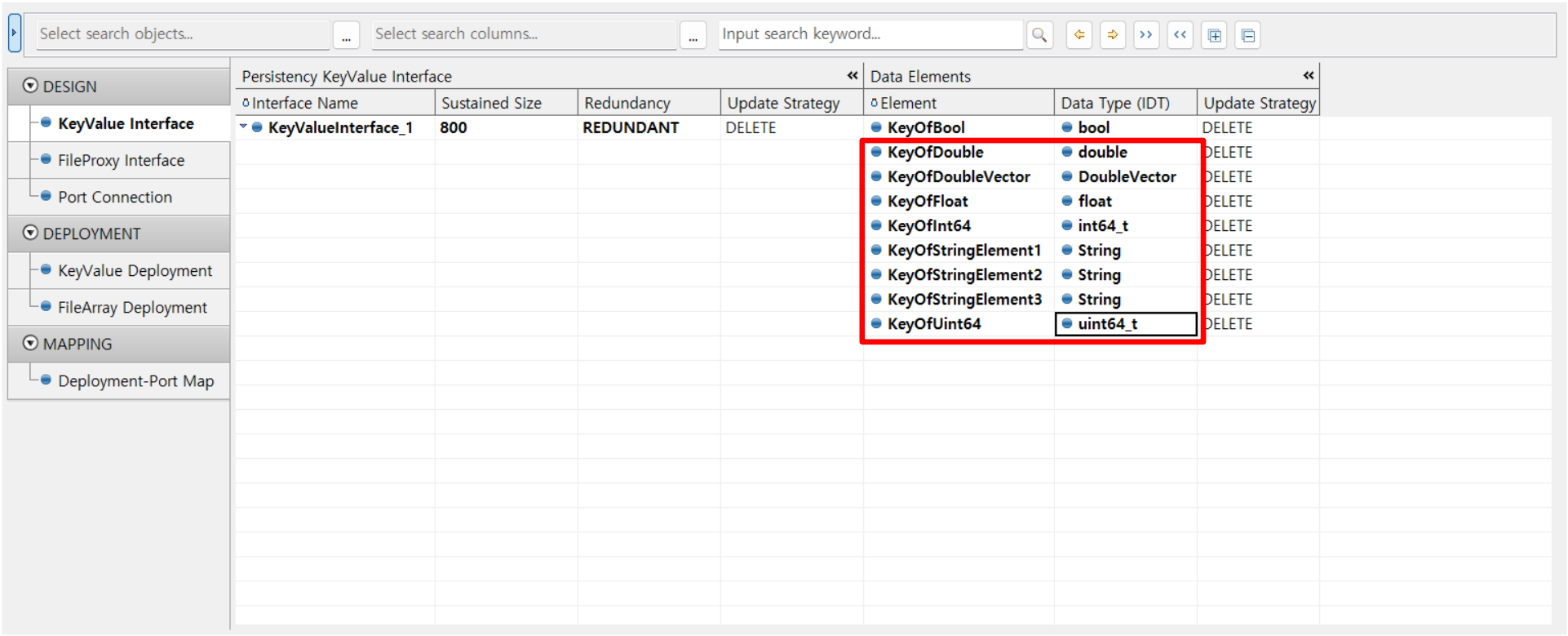
PER Editor



PER: Platform (PER) 설정

- **Data Element 추가 설정**
  - ✓ 동일한 과정을 통해 8개의 Data Element를 추가하고, 다음과 같이 수정함

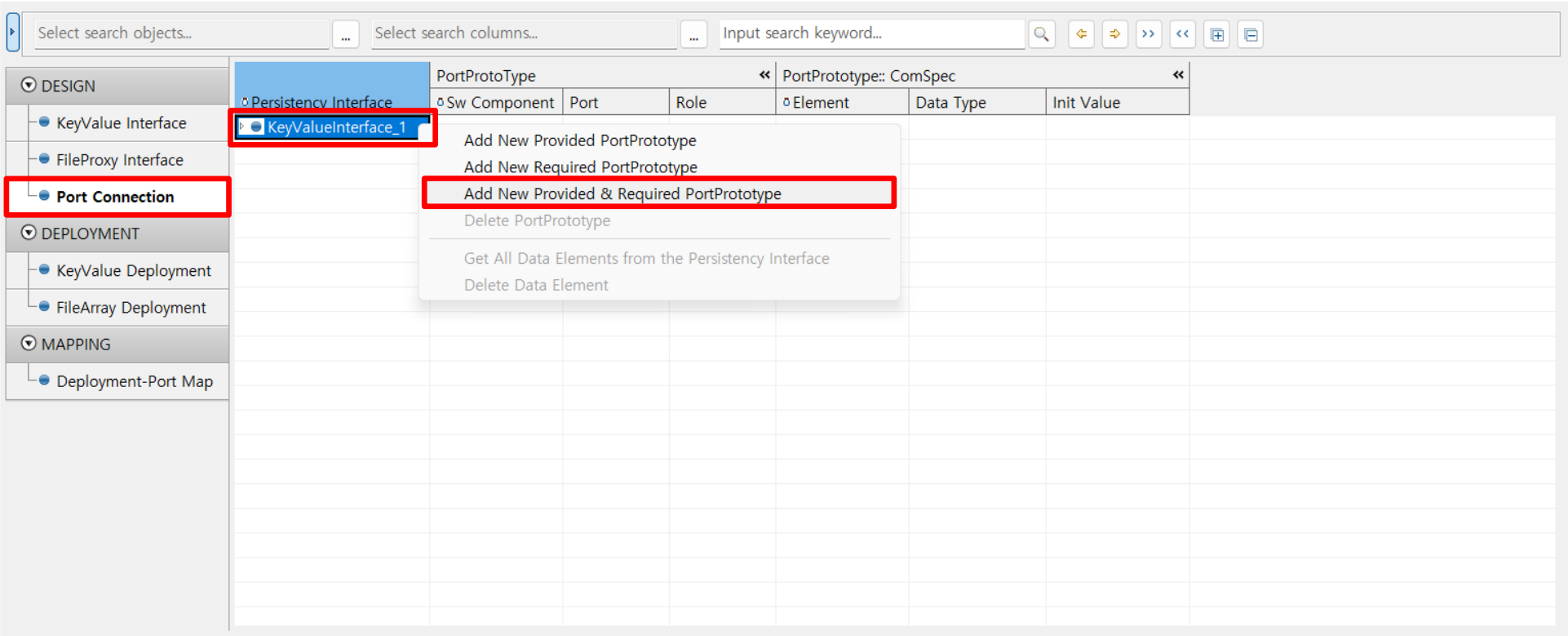
PER Editor



PER: Platform (PER) 설정

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

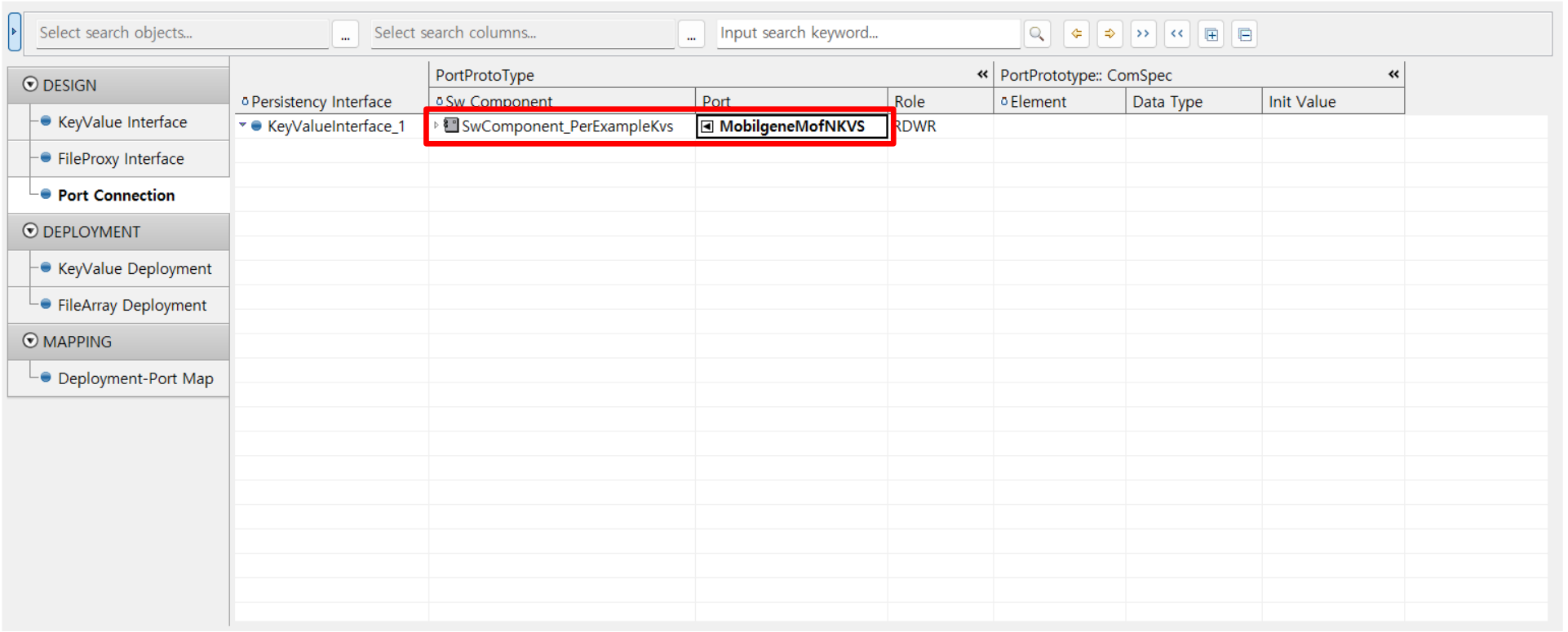
PER Editor



PER: Platform (PER) 설정

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

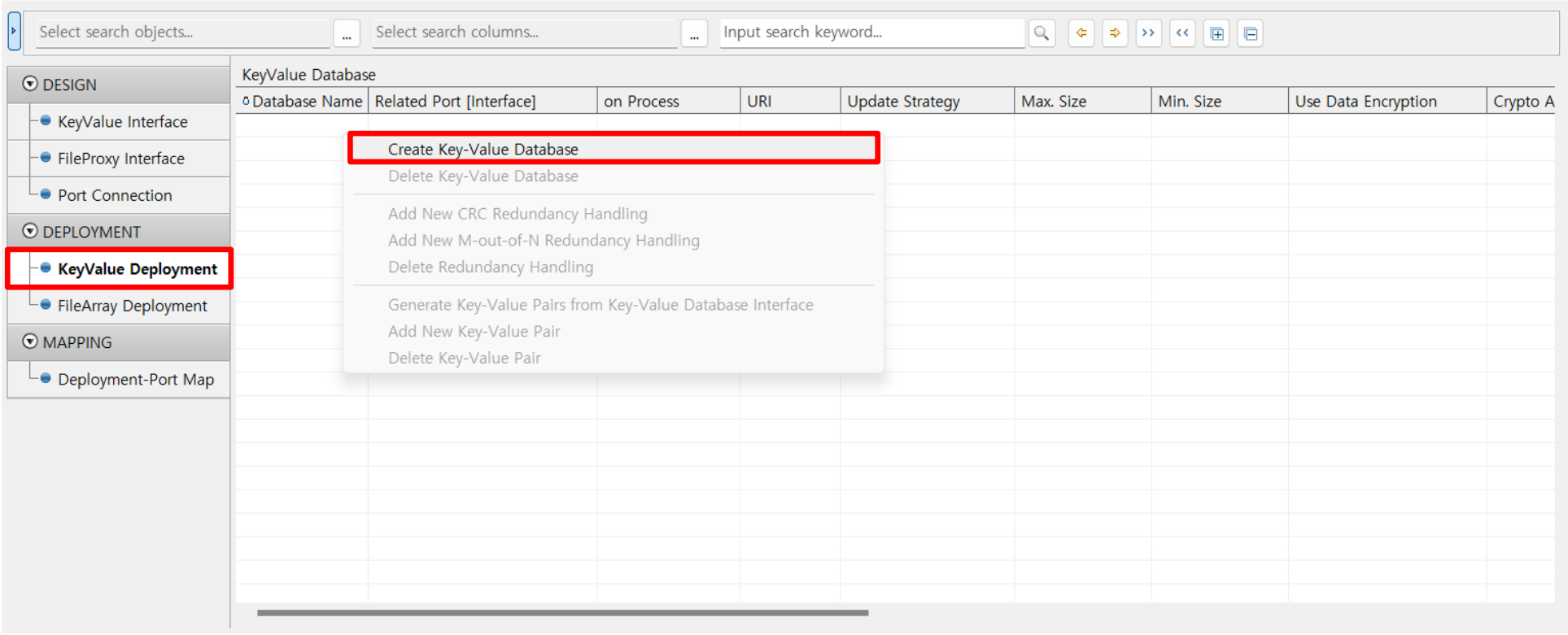
PER Editor



PER: Platform (PER) 설정

- **Key-Value Database 추가**
  - ✓ Key-Value Database 추가를 위해 좌측의 'KeyValue Deployment' 탭으로 이동함
  - ✓ 빈 곳에서 우클릭을 하여 'Create Key-Value Database'를 클릭함

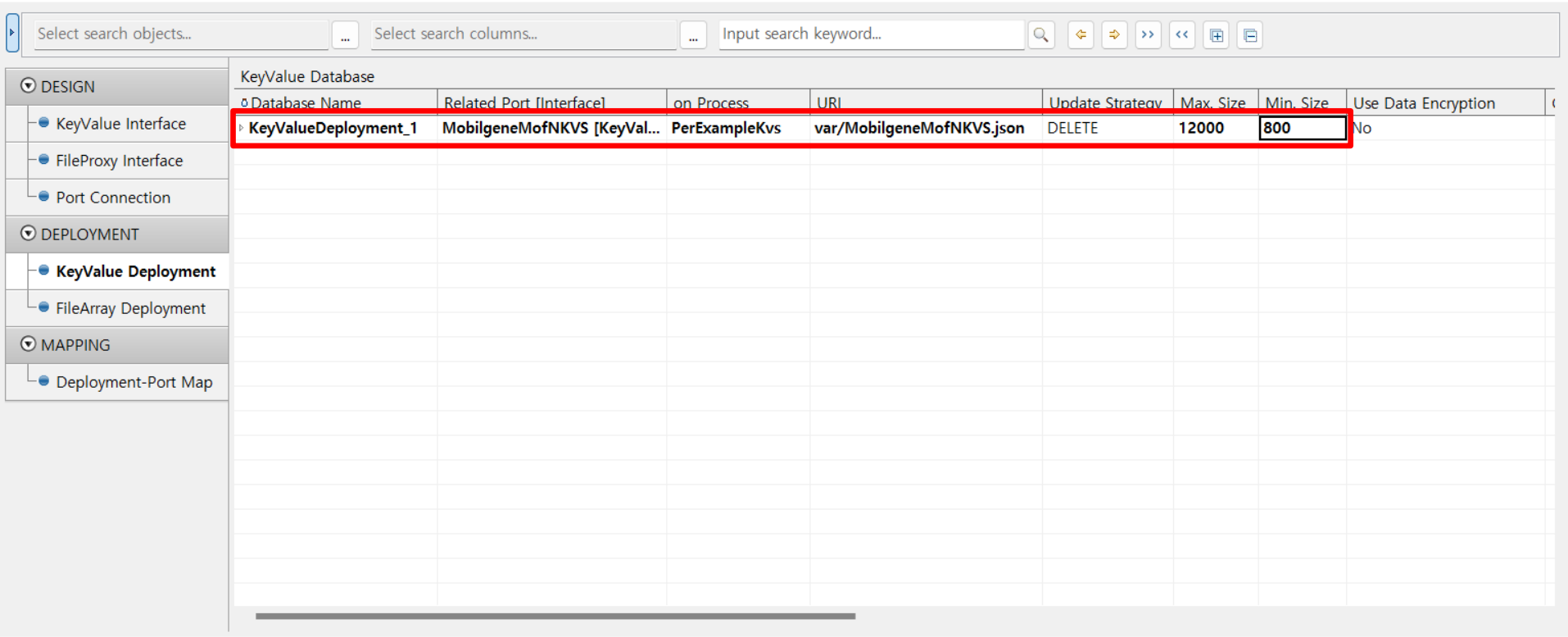
PER Editor



PER: Platform (PER) 설정

- **Key-Value Database 추가 확인 및 설정**
  - ✓ 생성된 새로운 Key-Value Database를 확인하고 다음과 같이 수정함

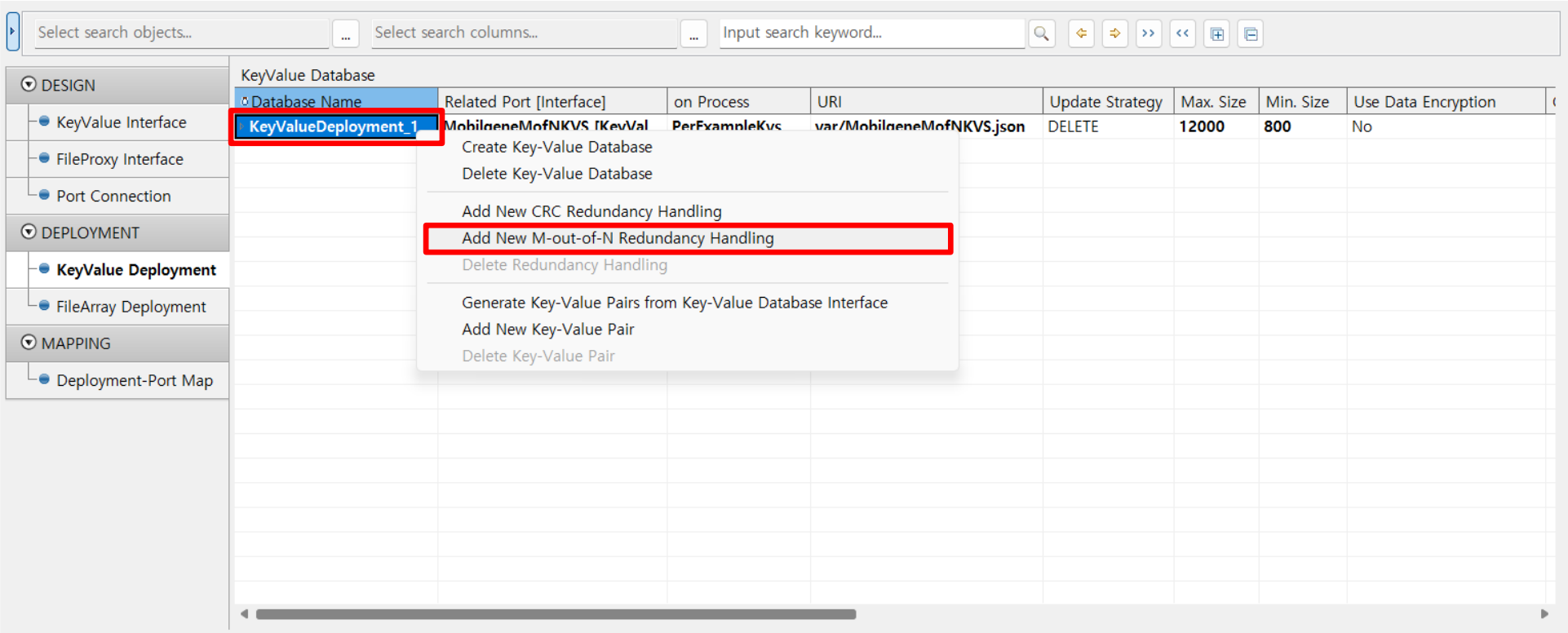
PER Editor



PER: Platform (PER) 설정

- **M-out-of-N Redundancy 추가**
  - ✓ Key-Value Database에서 우클릭하여 'Add New M-out-of-N Redundancy Handling'을 클릭함

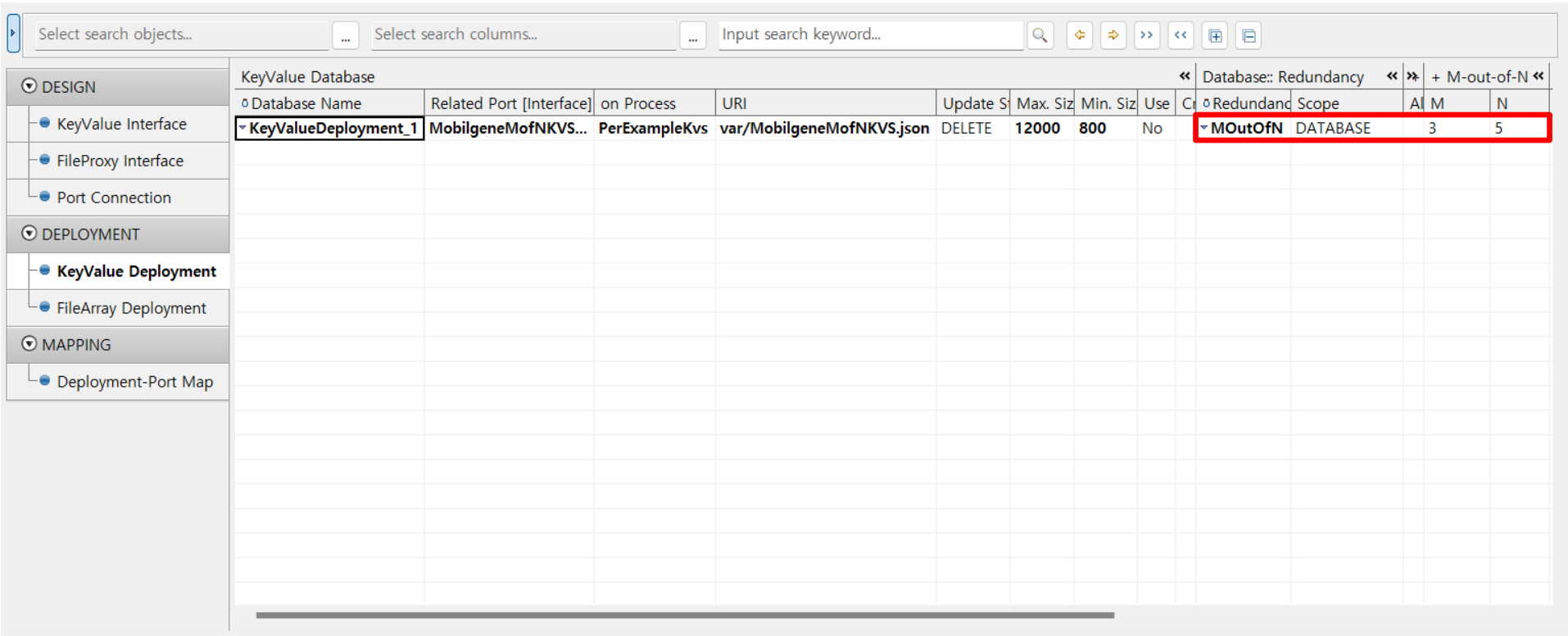
PER Editor



PER: Platform (PER) 설정

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

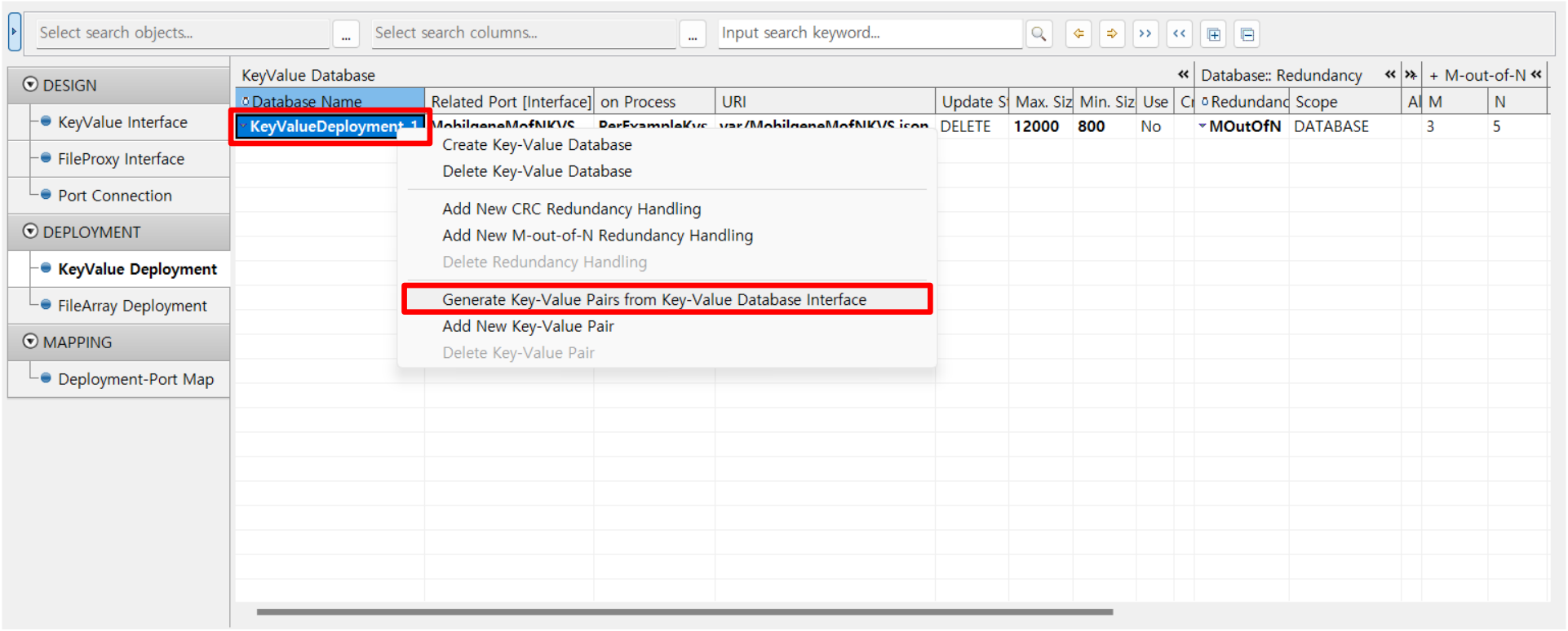
PER Editor



PER: Platform (PER) 설정

- **Key-Value Database 내 Key-Value Pairs 생성 (1)**
  - ✓ Key-Value Database에서 우클릭하여 'Generate Key-Value Pairs from Key-Value Database Interface'를 클릭함

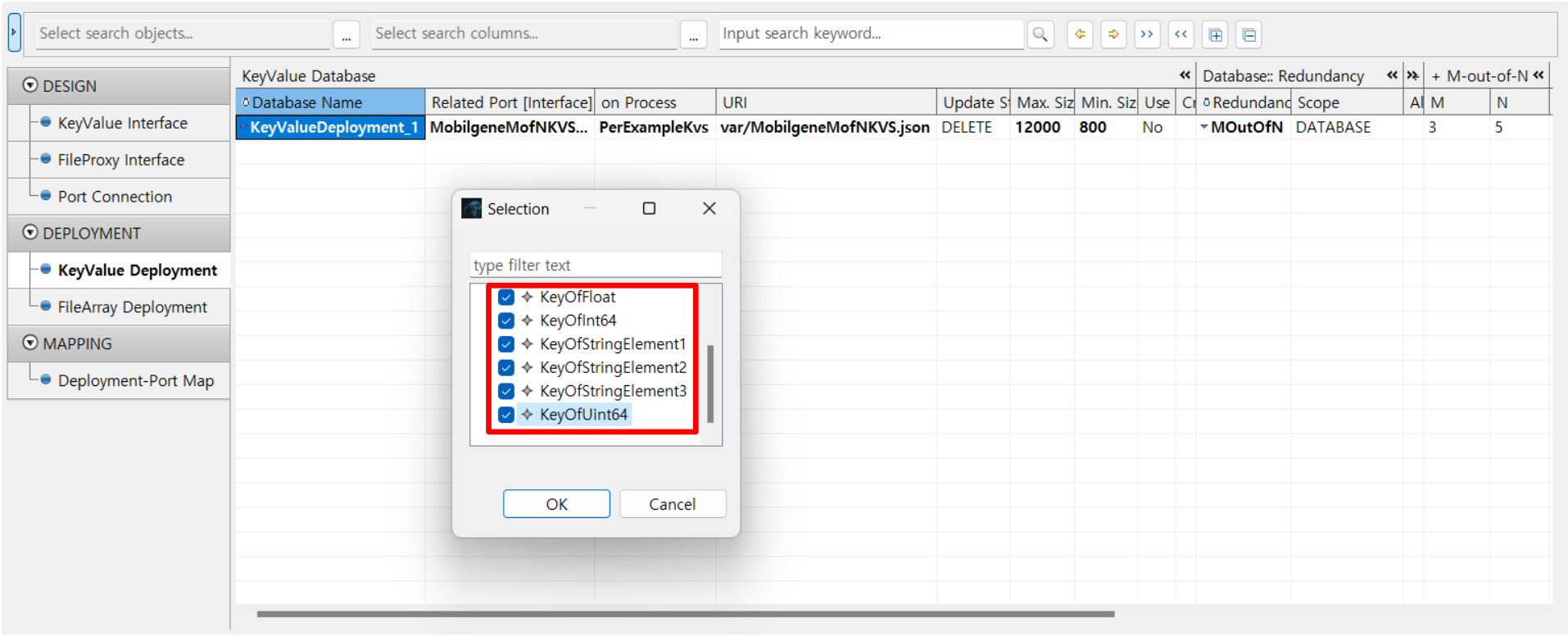
PER Editor



PER: Platform (PER) 설정

- **Key-Value Database 내 Key-Value Pairs 생성 (2)**
  - ✓ 모든 Key-Value Pairs를 선택함

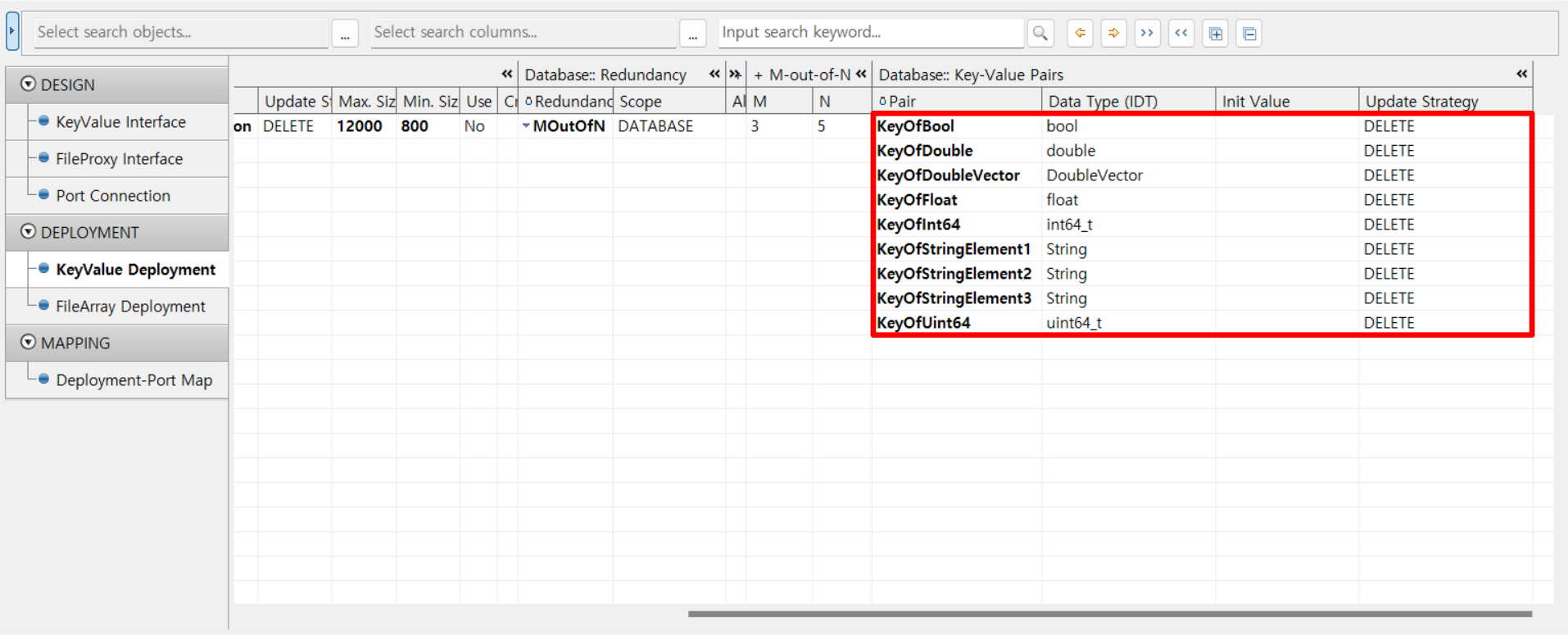
PER Editor



PER: Platform (PER) 설정

- **Key-Value Database 내 Key-Value Pairs 생성 확인**
  - ✓ Key-Value Interface 설정을 바탕으로 Key-Value Pairs가 생성된 것을 확인함

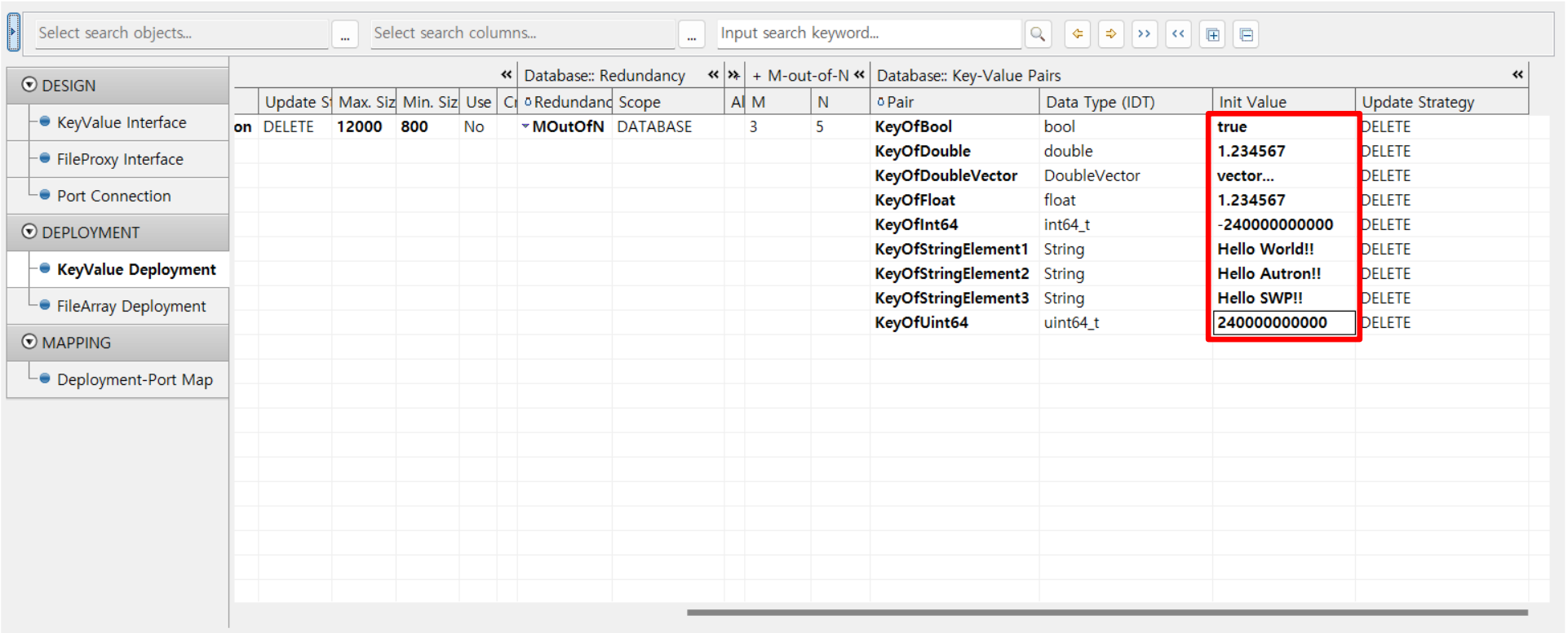
PER Editor



PER: Platform (PER) 설정

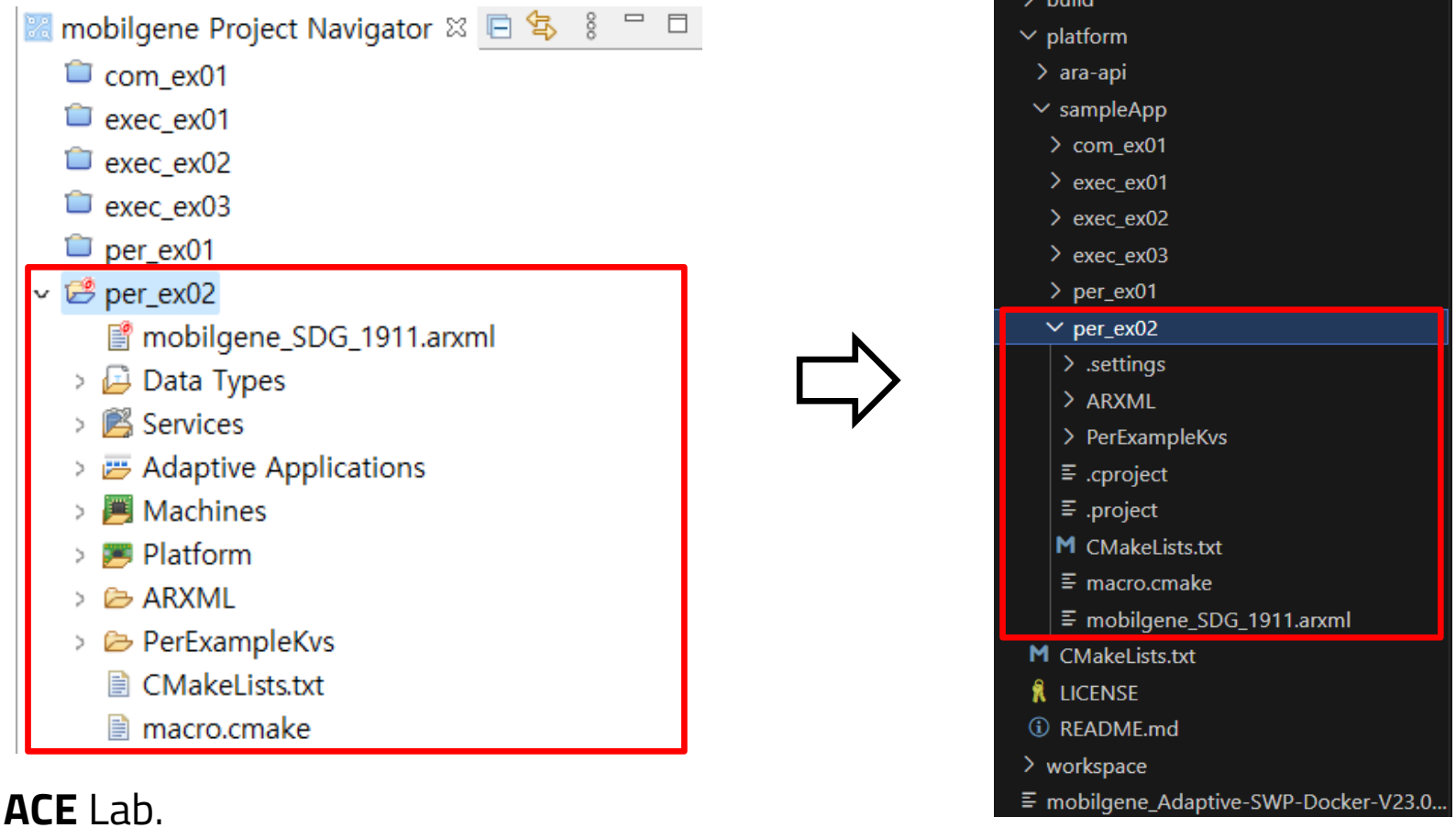
- **Key-Value Pairs 설정**
  - ✓ Key-Value Pairs의 초기값을 다음과 같이 수정함

PER Editor



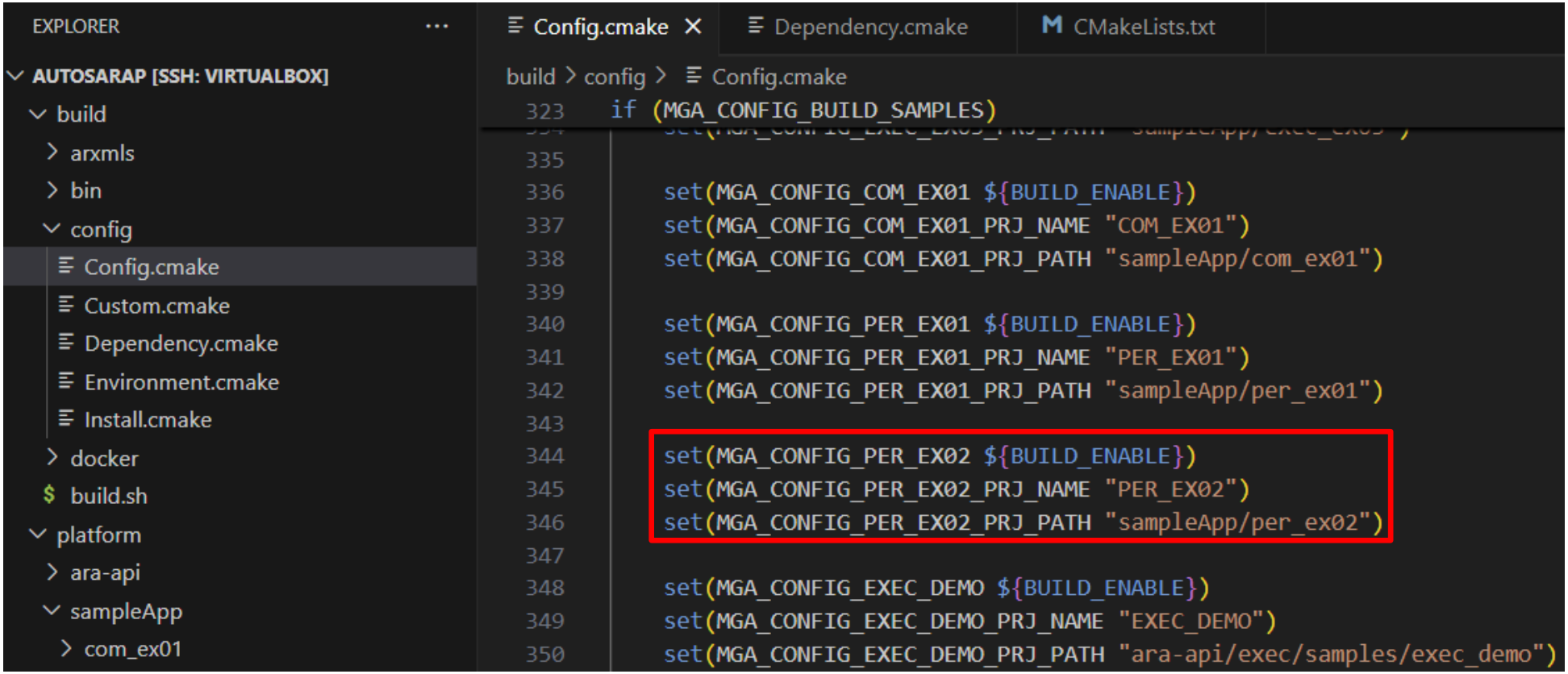
PER: Build

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



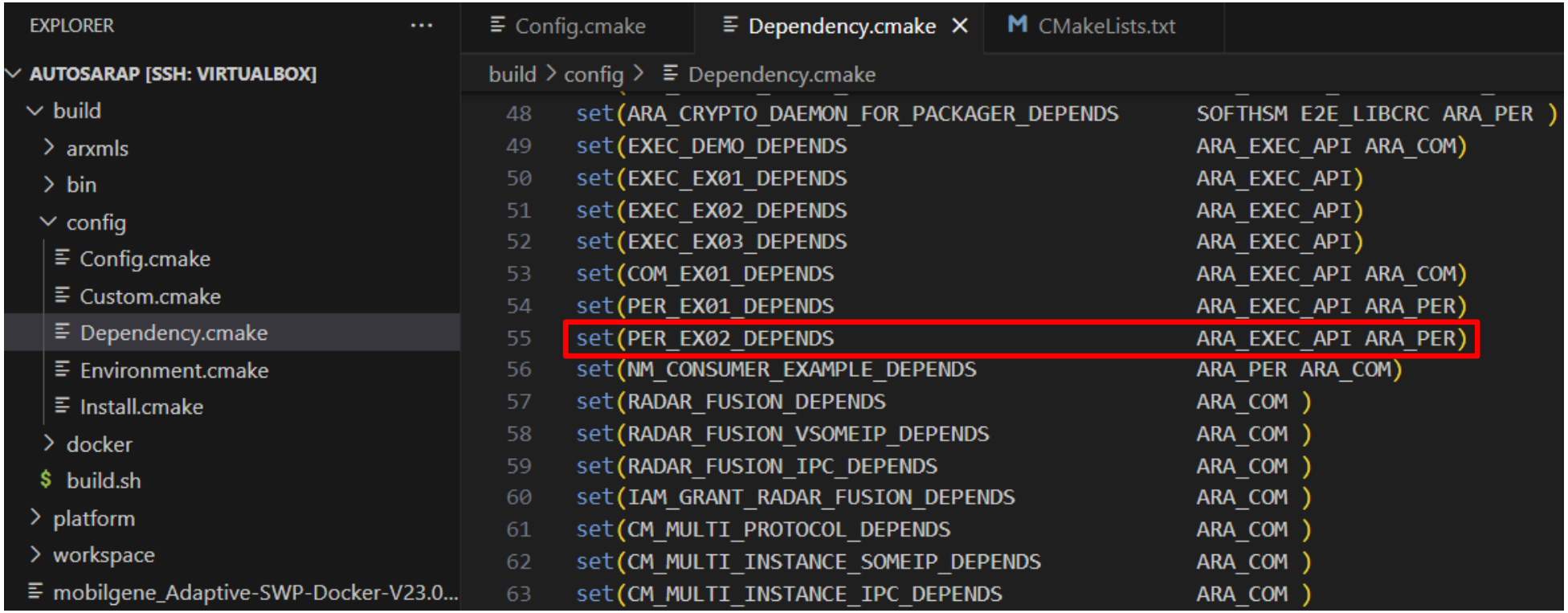
PER: Build

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



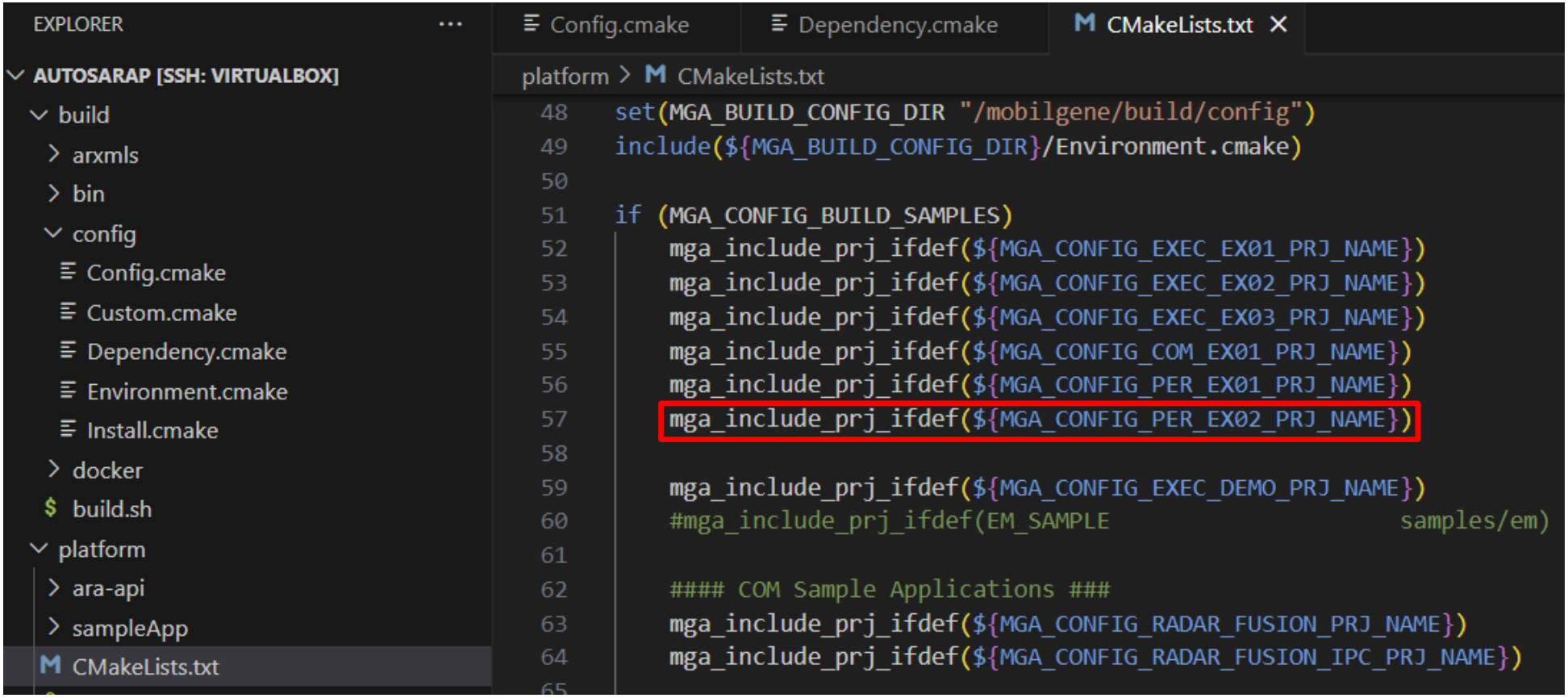
PER: Build

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



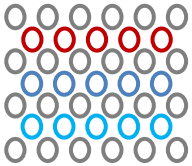
PER: Build

- **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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