```python
class FiniteSemigroupRepresentation(ABC):
    @abstractmethod
    def load(self, h: IOHelper, s: FiniteSemigroup_desc) -> FiniteSemigroup:
        """ Load the data """

    @abstractmethod
    def save(self, h: IOHelper, m: FiniteSemigroup) -> FiniteSemigroup_desc:
        """ Save the data """
```