

```
import Foundation
```

```
@available macOS 15.0
```

```
extension MLModel
```

```
    /// Run a stateful prediction synchronously.
    ///
    /// Use this method to run predictions on a stateful model.
    ///
    /// ```swift
    /// let state = model.newState()
    /// let prediction = try model.prediction(from:
inputFeatures, using: state)
    /// ```
    ///
    /// - Parameters:
    ///   - inputFeatures: The input features as declared in the model
description.
    ///   - state: The state object created by `newState()` method.
    ///   - error: The output parameter to receive an error information on
failure.
```

```
    @available macOS 15.0
```

```
    open func prediction
```

```
MLFeatureProvider
```

```
MLState throws any
```

```
MLFeatureProvider
```

```
    /// Run a stateful prediction synchronously with options.
    ///
    /// Use this method to run predictions on a stateful model.
    ///
    /// ```swift
    /// let state = model.newState()
    /// let prediction = try model.prediction(from:
inputFeatures, using: state, options: predictionOptions)
    /// ```
    ///
    /// - Parameters:
    ///   - inputFeatures: The input features as declared in the model
description.
    ///   - state: The state object created by `newState()` method.
    ///   - options: The prediction options.
    ///   - error: The output parameter to receive an error information on
failure.
```

```
    @available macOS 15.0
```

```
    open func prediction
```

```
MLFeatureProvider
```

```
MLPredictionOptions throws any MLFeatureProvider
```