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Case

LanguageModelSession.GenerationError.exceededContextWindowSize(_:)

An error that signals the session reached its context window size limit.

iOS 26.0+ | iPadOS 26.0+ | Mac Catalyst 26.0+ | macOS 26.0+ | visionOS 26.0+

```
case exceededContextWindowSize(LanguageModelSession.GenerationError.Context)
```

Mentioned in

 [Generating content and performing tasks with Foundation Models](#)

Discussion

This error occurs when you use the available tokens for the context window of 4,096 tokens. The token count includes instructions, prompts, and outputs for a session instance. A single token corresponds to approximately three to four characters in languages like English, Spanish, or German, and one token per character in languages like Japanese, Chinese, and Korean.

Start a new session when you exceed the content window size, and try again using a shorter prompt or shorter output length.

For more information on managing the context window size, see [TN3193: Managing the on-device foundation model's context window](#).

See Also

Generation errors

```
case assetsUnavailable(LanguageModelSession.GenerationError.Context)
```

An error that indicates the assets required for the session are unavailable.

```
case decodingFailure(LanguageModelSession.GenerationError.Context)
```

An error that indicates the session failed to deserialize a valid generable type from model output.

```
case guardrailViolation(LanguageModelSession.GenerationError.Context)
```

An error that indicates the system's safety guardrails are triggered by content in a prompt or the response generated by the model.

```
case rateLimited(LanguageModelSession.GenerationError.Context)
```

An error that indicates your session has been rate limited.

```
case refusal(LanguageModelSession.GenerationError.Refusal, Language  
ModelSession.GenerationError.Context)
```

An error that happens when the session refuses the request.

```
case concurrentRequests(LanguageModelSession.GenerationError.Context)
```

An error that happens if you attempt to make a session respond to a second prompt while it's still responding to the first one.

```
case unsupportedGuide(LanguageModelSession.GenerationError.Context)
```

An error that indicates a generation guide with an unsupported pattern was used.

```
case unsupportedLanguageOrLocale(LanguageModelSession.GenerationError.  
Context)
```

An error that indicates an error that occurs if the model is prompted to respond in a language that it does not support.

```
struct Context
```

The context in which the error occurred.

```
struct Refusal
```

A refusal produced by a language model.