

JSON Configuration File

This file provides a description for the voice commands interface of the application called “cooking-app”.

About this API

Each Lingware application must be configured using a JSON object where the properties of the target application are defined.

When you build an application, this must be stored in a repository with the name **lingware.json**.

This API allows you to add content to the file and to select the appropriate grammar as shown:

```
{
  "topic": "cooking-app",
  "language": "en-US",
  "srate": "8000",
  "port": "10010",
  "description": "Some simple cooking-related voice commands.",
  "acoustic-model": {
    "s3path": "s3://XXXX-data/Processed/en-US/AcousticModels/clean-speech_en-US_8KHz"
  },
  "grxml": {
    "s3path": "s3://XXXX-data/Processed/en-US/GRXML/demo-grammar.grxml"
  }
}
```

The Lingware Configuration Parameters

The speech application is defined through a set of parameters as shown in Table Lingware Configuration Parameters.

Parameters that you may want to change include:

Order:

A parameter that provides a value for determining the probability for a given word to occur.

Lambda:

A parameter that provides a value for determining the interpolation.

When you have made the required changes, you commit the changes and push them to the repository. Bitbucket is automatically updated with the changes.

Table: The Lingware Configuration Parameters

Parameter	Type	Description	Required
Topic	string	The target name for the application. This will be used to specify the model in requests, and form the prefix for the packaging identifier prefix	Yes
Language	String	The language-locale shorthand that describes the target language and locale of the application. Currently the list of supported language-locale combinations is: en-US, de-DE, en-GB, es-ES, fr-FR, it-IT.	Yes
Srate	string	The target sample rate of the application. Note This must match the sample rate of the value supplied for the acoustic-model parameter.	Yes
Port	string	The target port for the application. Affects configuration, deployment and local instance.	Yes
Description	string	An optional description of the application.	No
Acoustic-model	object	The acoustic-model specification. This is a sub-object, see the associated specification below. Expert parameters are also available. Value Description s3path The s3 path to the acoustic model resource.	