Amazon Echo Javascript Skill Quick Ref Cheat Sheet

by PebbleSpot via cheatography.com/26328/cs/7494/

Built in Slot Types

AMAZON.DATE	“today”, “tomorrow”, or “july”	“2015-07--00T9”
AMAZON.DURATION	“five minutes”	“PT5M”
AMAZON.FOUR_DIGIT_-NUMBER	"nineteen eighty four"	1984
AMAZON.NUMBER	“five”	"5"
AMAZON.US_CITY	all US cities with pop. > 100K	"Seattle"
AMAZON.US_STATE	US states, territories, and D.C.	"John"
AMAZON.US_FIRST-_NAME	recognizes popular first names	

Sample Utterances

```
GetHoroscope what is the horoscope for {Sign}
GetHor oscope what will the horoscope for {Sign} be on {Date}
GetHor oscope get me my horoscope
GetHor oscope {Sign}
...
GetLuc kyN umbers what are my lucky numbers
GetLuc kyN umbers tell me my lucky numbers
...
MatchSign do {First Sign} and {Secon dSign} get along
MatchSign what is the relati onship between {First Sign} and {Secon dSign}
```

The name of the intent on the left.
The phrase a user might speak to signal that intent on the right.

Slots {SlotName} are arguments to intents.

Custom Slots Example

```
{ "intents": [
       { " int ent ": " Get Hor osc ope ",
            " slo ts": [
               { " nam e": " Sig n",
                    " typ e": " LIS T_O F_S IGN S"
},
```

Custom Slots Example (cont)

```
>       { "name": "Date",
          "type": "AMAZON.DATE" }
      ] },
    { "intent": "MatchSign",
      "slots": [
       { "name": "FirstSign",
         "type": "LIST_OF_SIGNS" },
       { "name": "SecondSign",
         "type": "LIST_OF_SIGNS" }
      ] },
    { "intent": "GetLuckyNumbers" }
] }
```

https://developer.amazon.com/public/solutions/alexa/alexa-skills-kit/-docs/defining-the-voice-interface

Built-In Intents

AMAZON.CancelIntent	"Cancel," "Never mind," "Forget it"
AMAZON.HelpIntent	"Help," "Help me," "Can you help me"
AMAZON.NoIntent	"No," "No thanks
AMAZON.RepeatIntent	"Repeat," "Say that again," "Repeat that"
AMAZON.StartOverIntent	"Start over," "Restart," "Start again"
AMAZON.StopIntent	"Stop," "Off," "Shut up"
AMAZON.YesIntent	"Yes," "Yes please," "Sure"

https://developer.amazon.com/public/solutions/alexa/alexa-skills-kit/-docs/implementing-the-built-in-intents

Implement Built-in Intent Schema

```
{
     " int ent s": [
        { " int ent ": " Get Fir stE ven tIn ten t",
               " slo ts": [
                  { " nam e": " day ",
```



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Implement Built-in Intent Schema (cont)

```
>          "type": "AMAZON.DATE" }
     ]
   },
   { "intent": "GetNextEventIntent" },
   { "intent": "AMAZON.HelpIntent" },
   { "intent": "AMAZON.StopIntent" }
 ]
}
```

Implement Built-in Intent Code

```
@Override
public Speech let Res ponse onInte nt( final
Intent Request request, final Session session)
                throws Speech let Exc eption {
        log.in fo( " onI ntent reques tId={},
sessio nId ={} ", reques t.g etR equ est Id(),
                        ses sio n.g etS ess ion -
Id());

        Intent intent = reques t.g etI nte nt();
        String intentName = intent.ge tNa me();

       if ("Ge tFi rst Eve ntI nte nt".e qu als -
(in ten tName)) {
                return handle Fir stE ven tRe que -
st( intent, session);
       } else if ("Ge tNe xtE ven tIn ten t".e -
qua ls( int ent Name)) {
                return handle Nex tEv ent Req ues -
t(s ess ion);
       } else if ("AM AZO N.H elp Int ent ".eq -
ual s(i nte ntN ame)) {
               // Handling for the help intent goes
here
       } else if ("AM AZO N.S top Int ent ".eq -
ual s(i nte ntN ame)) {
               // Handling for the stop intent goes
here.
       } else {
                throw new Speech let Exc ept ion -
("In valid Intent ");
       }
}
```

Response Object

```
{
    ver sion: '1.0',
    res ponse: {
        out put Speech: { // Always part of the
response
            type: 'Plain Text', // Always this
value
            text: 'Example speech' // Text that
will be spoken back to user
       },
        sho uld End Ses sion: true, // Always part
of the respon se- -bo olean for if session has
ended (no more user input)
        rep rompt: { // Optional, if you want to
customize what Alexa says if user doesn't respond
correc tly/at all
            out put Speech: {
                type: 'Plain Text',
                text: 'Example reprompt'
           }
       },
        card: { // Optional, if you want to show a
card in the Echo app
            type: 'Simple',
            title: 'Example title',
            con tent: 'Example card content'
       }
   },
    ses sio nAt tri butes: {} // If you need some
attributes to be kept in the session
}
```


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