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Channel Settings

* **Percentage complete:**Calculated based on data entered into the various fields of a channel. Enter the name, description, location, URL, video, and tags to complete your channel.
* **Channel Name:**Enter a unique name for the ThingSpeak channel.
* **Description:**Enter a description of the ThingSpeak channel.
* **Field#:**Check the box to enable the field, and enter a field name. Each ThingSpeak channel can have up to 8 fields.
* **Metadata:**Enter information about channel data, including JSON, XML, or CSV data.
* **Tags:**Enter keywords that identify the channel. Separate tags with commas.
* **Link to External Site:**If you have a website that contains information about your ThingSpeak channel, specify the URL.
* **Show Channel Location:**
  + **Latitude:**Specify the latitude position in decimal degrees. For example, the latitude of the city of London is 51.5072.
  + **Longitude:**Specify the longitude position in decimal degrees. For example, the longitude of the city of London is -0.1275.
  + **Elevation:**Specify the elevation position meters. For example, the elevation of the city of London is 35.052.
* **Video URL:**If you have a YouTube™ or Vimeo® video that displays your channel information, specify the full path of the video URL.
* **Link to GitHub:**If you store your ThingSpeak code on GitHub®, specify the GitHub repository URL.

Using the Channel

You can get data into a channel from a device, website, or another ThingsSpeak channel. You can then visualize data and transform it using ThingSpeak [Apps](https://thingspeak.com/apps).

See [Get Started with ThingSpeak"](https://www.mathworks.com/help/thingspeak/getting-started-with-thingspeak.html) for an example of measuring dew point from a weather station that acquires data from an Arduino® device.