



类型

image Classification translation

库

tesorflow pytorch

协议

Apache v2

发布

已发布 🗸

BERT base model (uncased)

Pretrained model on English language using a masked language modeling (MLM) objective. It was introduced in this paper and first released in this repository. This model is uncased: it does not make a difference between english and English.

Disclaimer: The team releasing BERT did not write a model card for this model so this model card has been written by the Hugging Face team.

Model description

BERT is a transformers model pretrained on a large corpus of English data in a self-supervised fashion. This means it was pretrained on the raw texts only, with no humans labelling them in any way (which is why it can use lots of publicly available data) with an automatic process to generate inputs and labels from those texts. More precisely, it was pretrained with two objectives:

Masked language modeling (MLM): taking a sentence, the model randomly masks 15% of the words in the input then run the entire masked sentence through the model and has to predict the masked words. This is different from traditional recurrent neural networks (RNNs) that usually see the words one after the other, or from autoregressive models like GPT which internally mask the future tokens. It allows the model to learn a bidirectional representation of the sentence.

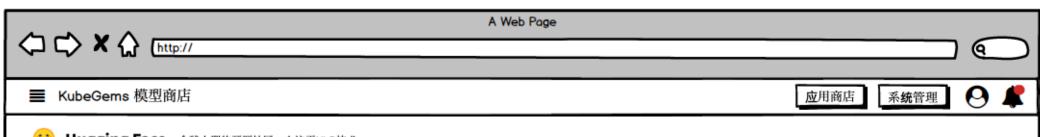
Next sentence prediction (NSP): the models concatenates two masked sentences as inputs during pretraining. Sometimes they correspond to sentences that were next to each other in the original text, sometimes not. The model then has to predict if the two sentences were following each other or not.

This way, the model learns an inner representation of the English language that can then be used to extract features useful for downstream tasks: if you have a dataset of labeled sentences for instance, you can train a standard classifier using the features produced by the BERT model as inputs.

Intended uses & limitations

You can use the raw model for either masked language modeling or next sentence prediction, but it's mostly intended to be fine-tuned on a downstream task. See the model hub to look for fine-tuned versions on a task that interests you.

Note that this model is primarily aimed at being fine-tuned on tasks that use the whole sentence (potentially masked) to make decisions, such as sequence classification, token classification or question answering. For tasks such as text generation you should look at model like GPT2.



·

Hugging Face 全球大型的开源社区,专注于NLP技术

编辑 📜 部署



类型

image Classification translation

库

tesorflow pytorch

协议

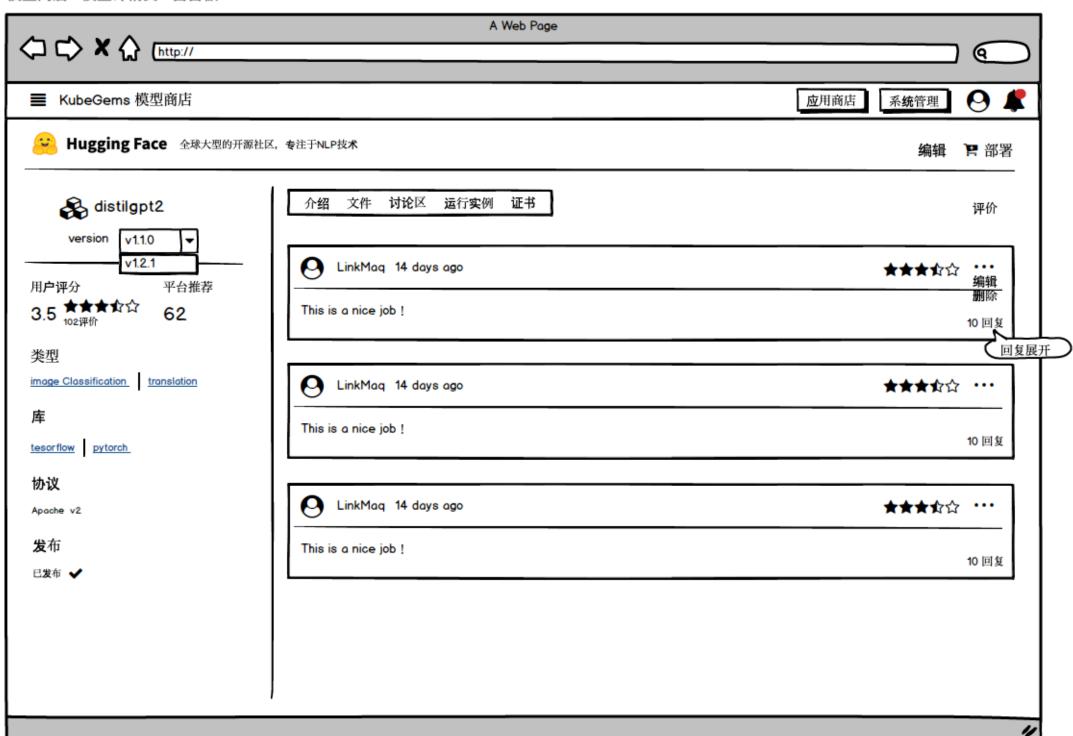
Apache v2

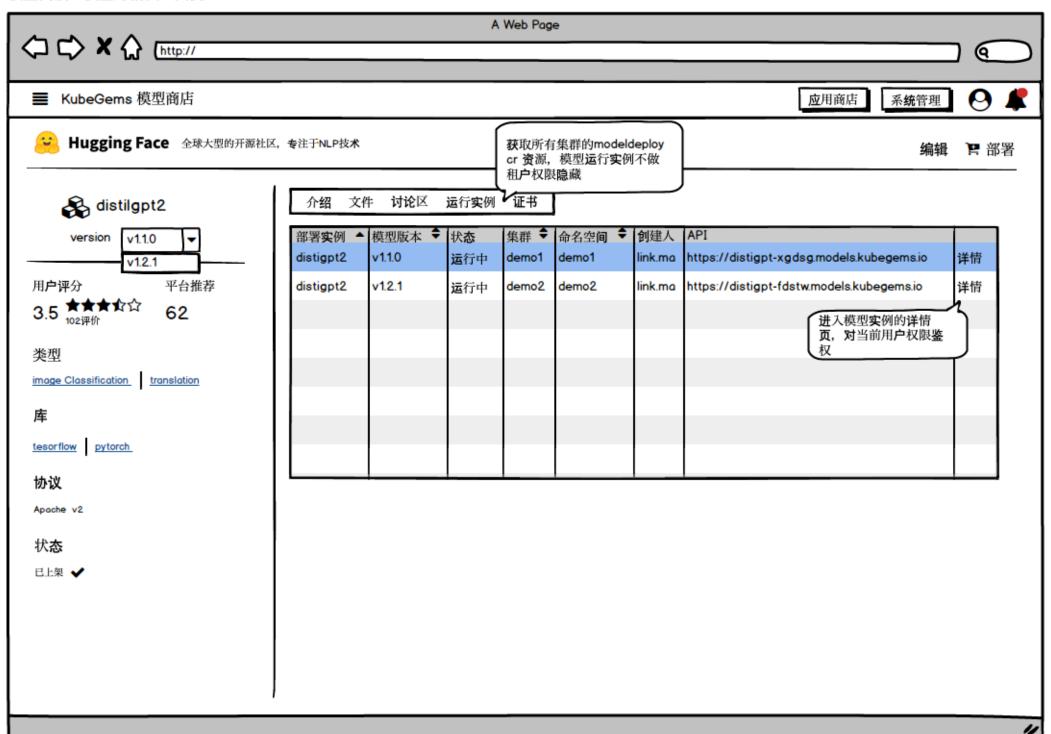
发布

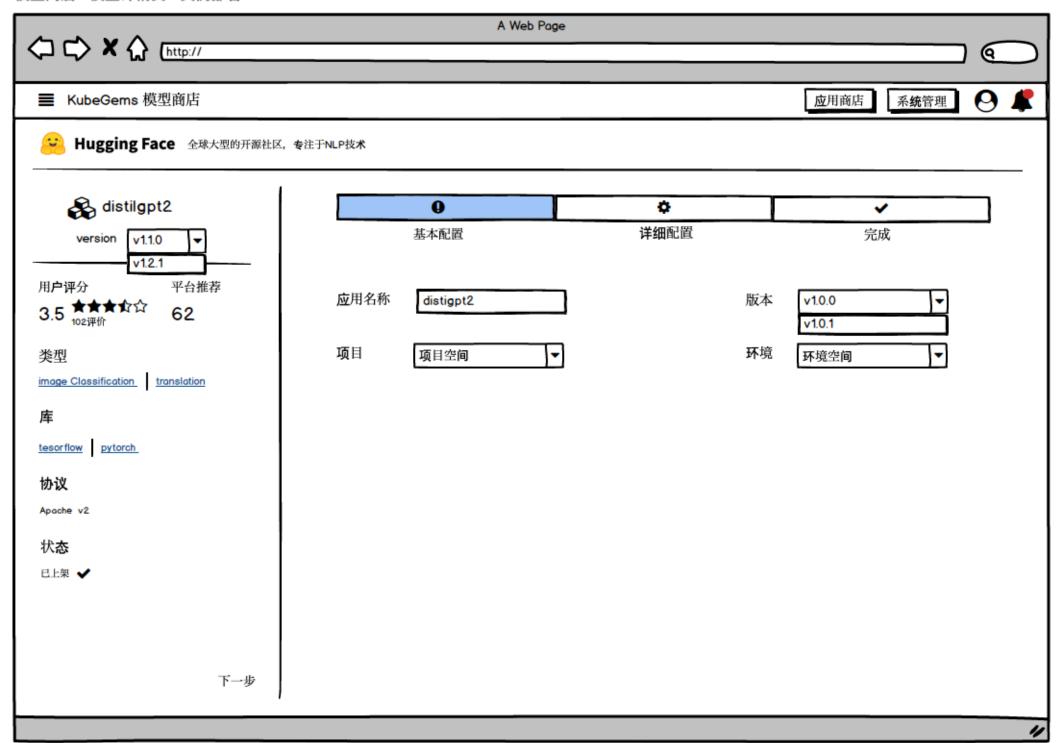
已发布 🗸

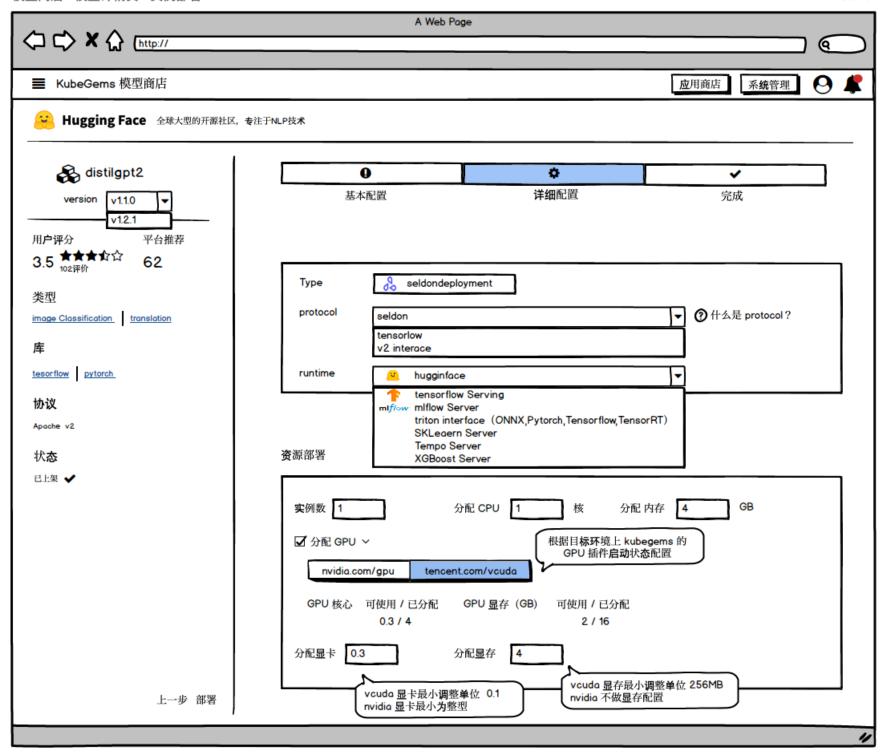
介绍 文件 讨论区 运行实例 证书

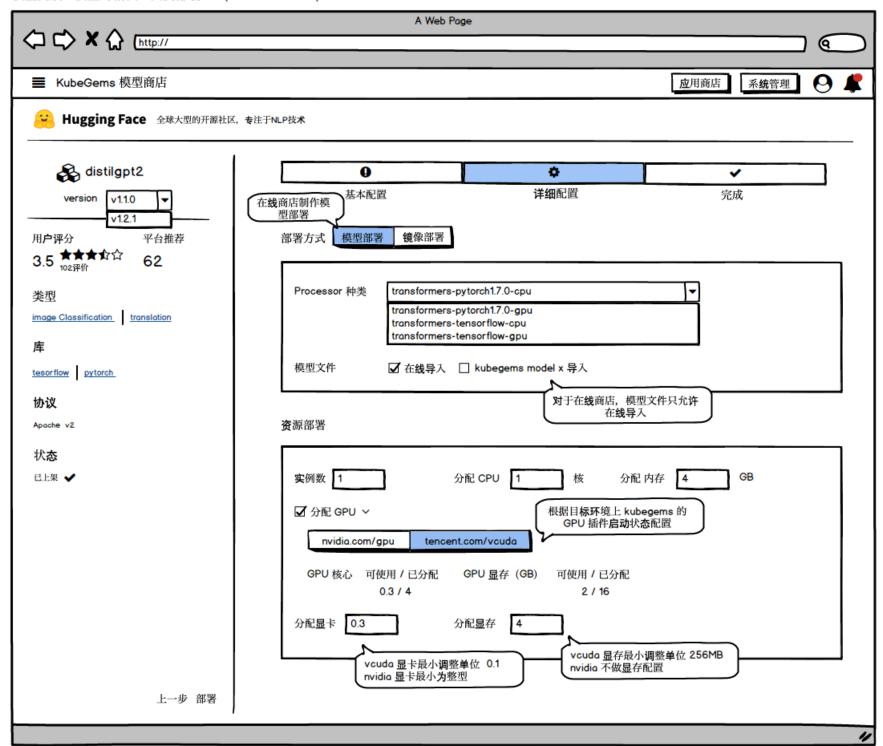
2021-06-29 10:31:23 CST 10KiB 103fe01eab40e883:17a5563be73:17a559b4ef5:4a81a981 2021-06-29 10:37:42 CST 10KiB 103fe01eab40e883:17a556a08d0:17a55a10e24:80e6db66 2021-06-29 11:32:23 CST 8.5KiB 103fe01eab40e883:17a559b89cb:17a55d2ea45:a3e5eb73 2021-06-29 11:38:42 CST 8.6KiB 103fe01eab40e883:17a55a183db:17a55d8e8bd:6dbb5324 2021-06-29 12:32:53 CST 9.3KiB 103fe01eab40e883;17a55d33921;17a560a3c53;cac0b1ae 2021-06-29 12:39:42 CST 9.2KiB 103fe01eab40e883:17a55d94abf:17a5610ac39:4528ec5d 2021-06-29 13:33:53 CST 8.0KiB 103fe01eab40e883:17a560ac5c7:17a56423fb7:8385b86d 2021-06-29 13:40:42 CST 9.6KiB 103fe01eab40e883:17a56114971:17a56489c96:a9d13a6e 2021-06-29 14:34:53 CST 9.1KiB 103fe01eab40e883:17a5642f0e1:17a567a1947:8fa3182a 2021-06-29 14:41:12 CST 7.3KiB 103fe01eab40e883:17a5648b02c:17a567fedc2:4fa486a7 2021-06-29 15:35:23 CST 11KiB 103fe01eab40e883:17a567a67d2:17a56b18fcb:d8a84a9e 2021-06-29 15:41:42 CST 13KiB 103fe01eab40e883:17a56803c1b:17a56b73b62:5e42c985 2021-06-29 16:36:23 CST 14KiB 103fe01eab40e883:17a56b20545:17a56e958f8:830b60a1 2021-06-29 16:42:12 CST 12KiB 103fe01eab40e883:17a56b7761a:17a56eeb85a:12881168 2021-06-29 17:36:53 CST 12KiB 103fe01eab40e883:17a56e98037:17a5720d6a4:608b55b7 2021-06-29 17:43:12 CST 12KiB 103fe01eab40e883:17a56ef41a6:17a5726973c:4b01234d 2021-06-29 18:37:23 CST 9.5KiB 103fe01eab40e883:17a5720ea3f:17a57580c30:5de0fd52 2021-06-29 18:43:42 CST 9.6KiB 103fe01eab40e883:17a5726f96e:17a575e0687:596bed 2021-06-29 19:37:53 CST 7.7KiB 103fe01eab40e883:17a57585ac3:17a578f9abd:918528c2 2021-06-29 19:44:12 CST 7.4KiB 103fe01eab40e883:17a575e1a19:17a57950a49:8b97fa6e 2021-06-29 20:38:23 CST 8.4KiB 103fe01eab40e883:17a578fd57a:17a57c70193:8fb03214 2021-06-29 20:45:42 CST 8.6KiB 103fe01eab40e883:17a5795ceaa:17a57cd4995:33f122a9 2021-06-29 21:38:53 CST 7.8KiB 103fe01eab40e883:17a57c71525:17a57fe52c5:5e4d2f17 2021-06-29 21:46:42 CST 7.7KiB 103fe01eab40e883:17a57cdf9d5:17a580573ad:f81f28c6 2021-06-29 22:39:23 CST 9.8KiB 103fe01eab40e883:17a57fe79f1:17a5835b564:c7d20375 2021-06-29 22:47:12 CST 10KiB 103fe01eab40e883:17a5805ae65:17a583cad8f:8aed897c 2021-06-29 23:40:23 CST 5.5KiB 103fe01eab40e883:17a5835dc88:17a586d7b47:a7c39e6c 2021-06-29 23:47:42 CST 5.4KiB 103fe01eab40e883:17a583d0f8e:17a58744d72:8bbc013c 2021-06-30 00:41:23 CST 11KiB 103fe01eab40e883:17a586e1807:17a58a5708a:fda70a68 2021-06-30 00:49:12 CST 11KiD 103fc01cab40c993:17c59749944:17c59ab7d09:2c25fd5

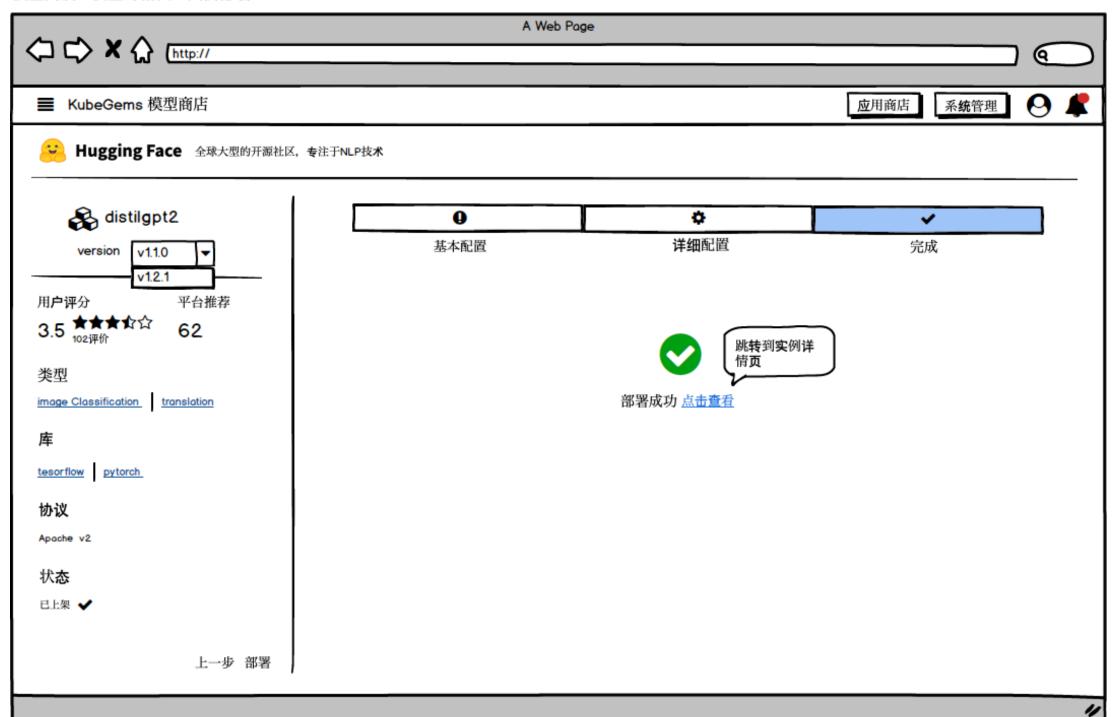




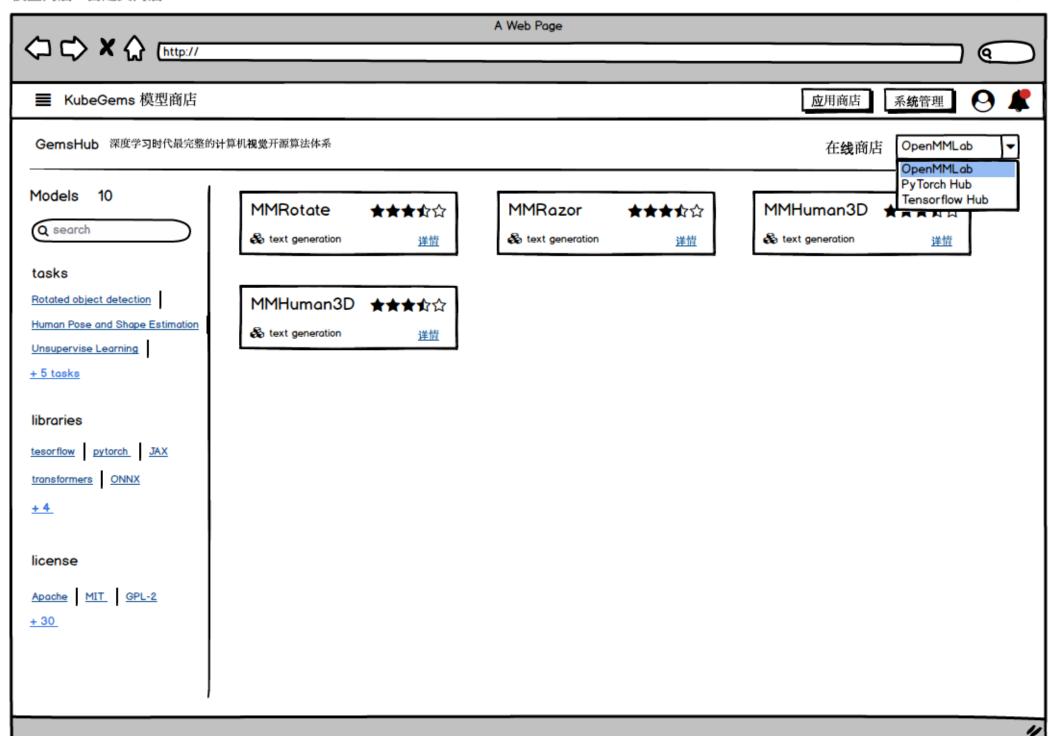


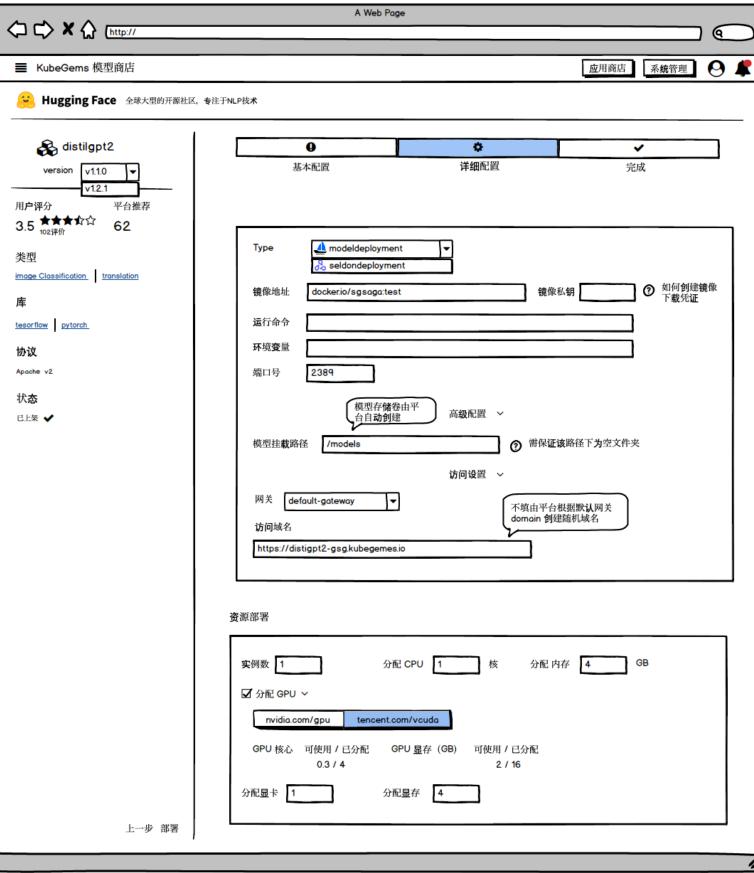


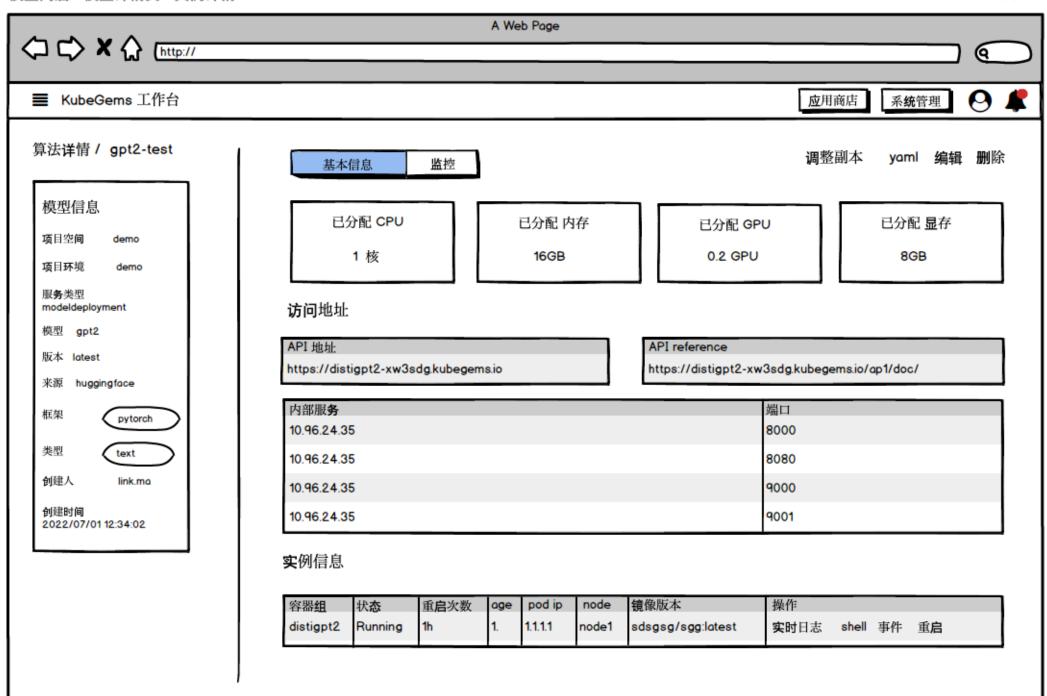




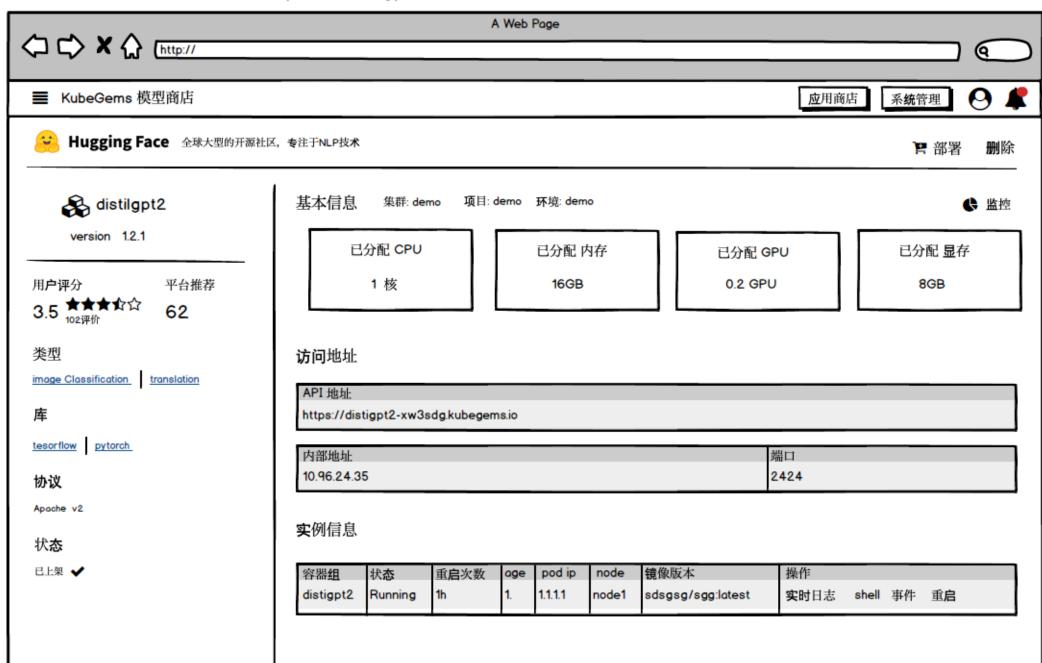
模型商店 - 自定义商店

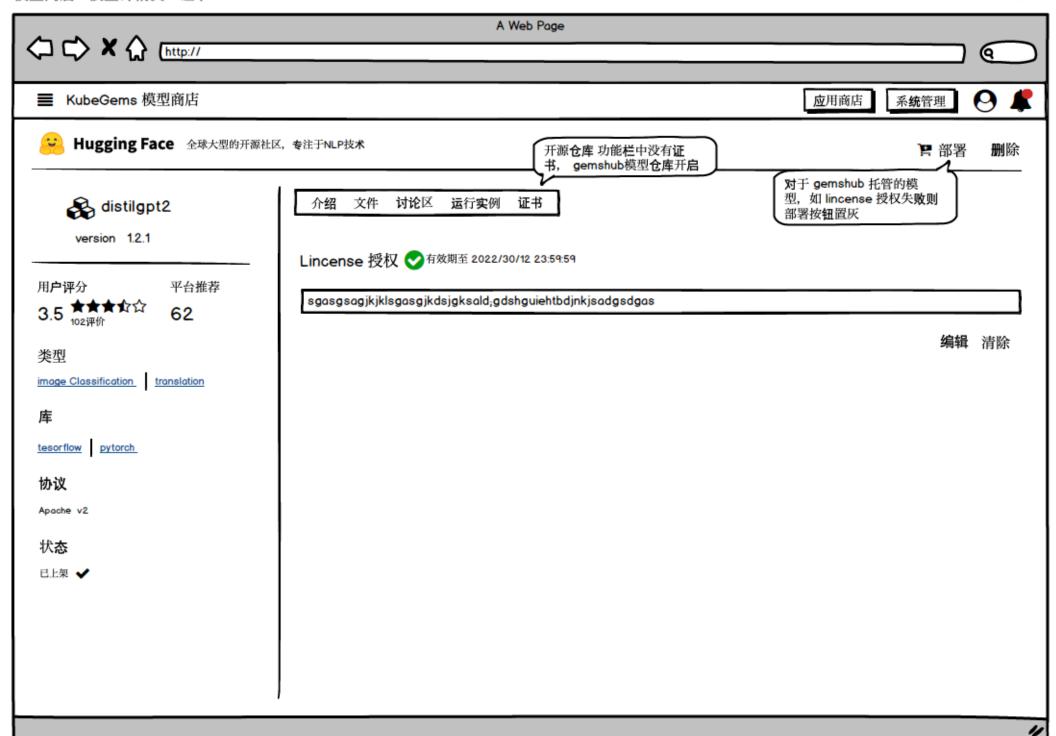


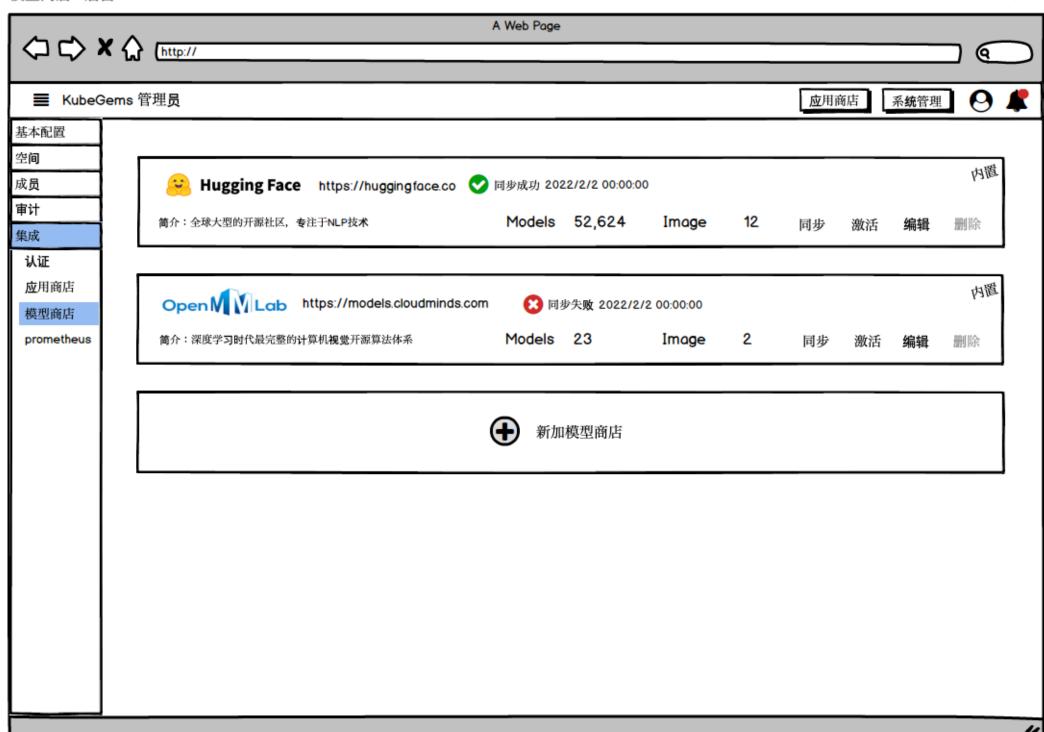




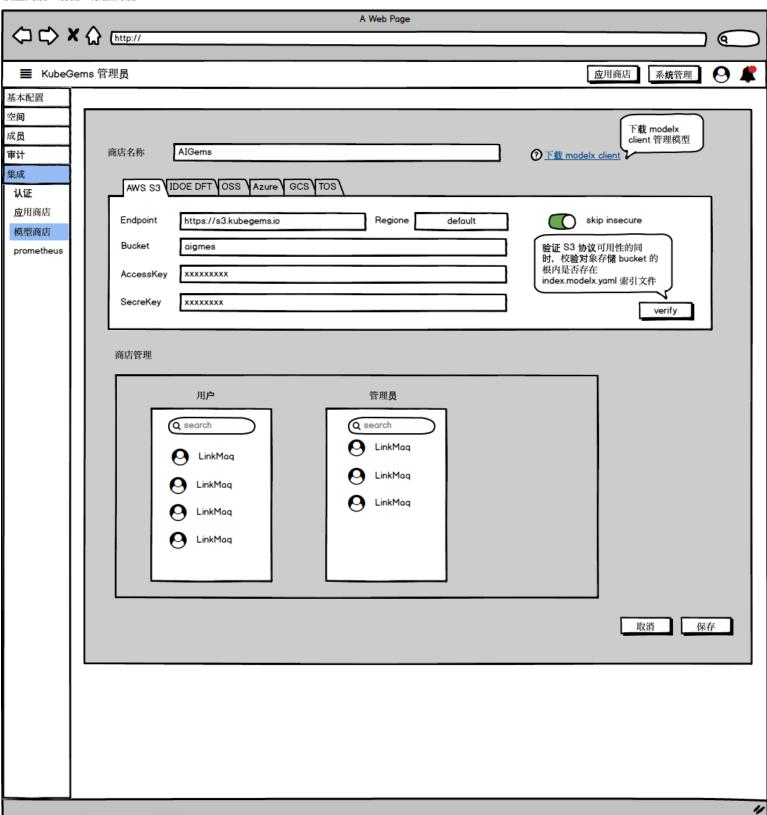








模型商店 - 后台 - 添加商店 18 / 19



模型商店 - 后台 - 商店后台 19 / 19

