

PUT https://{search\_service}.search.windows.net/skillsets/{skillset\_name}?api-version=2019-05-06  
HTTP/1.1

Headers: api-key {use your search Primary admin key}

Body

```
{
  "description": "Extract entities, detect language and extract key-phrases",
  "cognitiveServices": {
    "@odata.type": "#Microsoft.Azure.Search.CognitiveServicesByKey",
    "description": "mycogsvcs",
    "key": "{{cog_services_key}}"
  },
  "skills": [
    {
      "@odata.type": "#Microsoft.Skills.Vision.OcrSkill",
      "context": "/document/normalized_images/*",
      "defaultLanguageCode": "en",
      "detectOrientation": true,
      "inputs": [
        {
          "name": "image",
          "source": "/document/normalized_images/*"
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      ],
      "outputs": [
        {
          "name": "text"
        }
      ]
    },
    {
      "@odata.type": "#Microsoft.Skills.Text.MergeSkill",
      "description": "Create merged_text, which includes all the textual representation of each image inserted at the right location in the content field.",
      "context": "/document",
      "insertPreTag": " ",
      "insertPostTag": " ",
      "inputs": [
        {
          "name": "text",
          "source": "/document/content"
        }
      ],
      {
        "name": "itemsToInsert",
        "source": "/document/normalized_images/*/text"
      }
    }
  ]
}
```

```
{
  "name": "offsets",
  "source": "/document/normalized_images/*/contentOffset"
}
],
"outputs": [
  {
    "name": "mergedText",
    "targetName": "merged_text"
  }
]
},
{
"@odata.type": "#Microsoft.Skills.Text.SplitSkill",
"textSplitMode": "pages",
"maximumPageLength": 4000,
"defaultLanguageCode": "en",
"context": "/document",
"inputs": [
  {
    "name": "text",
    "source": "/document/merged_text"
  }
],
"outputs": [
  {
    "name": "textItems",
    "targetName": "pages"
  }
]
},
{
"@odata.type": "#Microsoft.Skills.Text.KeyPhraseExtractionSkill",
"context": "/document/pages/*",
"inputs": [
  {
    "name": "text",
    "source": "/document/pages/*"
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"outputs": [
  {
    "name": "keyPhrases",
    "targetName": "keyPhrases"
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]
},
{
```

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"@odata.type": "#Microsoft.Skills.Text.EntityRecognitionSkill",
"categories": ["Organization"],
"context": "/document",
"inputs": [
  {
    "name": "text",
    "source": "/document/merged_text"
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],
"outputs": [
  {
    "name": "organizations",
    "targetName": "organizations"
  }
]
},
{
"@odata.type": "#Microsoft.Skills.Text.EntityRecognitionSkill",
"categories": ["Location"],
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"inputs": [
  {
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    "source": "/document/merged_text"
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"outputs": [
  {
    "name": "locations",
    "targetName": "locations"
  }
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},
{
"@odata.type": "#Microsoft.Skills.Text.EntityRecognitionSkill",
"categories": ["Person"],
"context": "/document",
"inputs": [
  {
    "name": "text",
    "source": "/document/merged_text"
  }
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"outputs": [
  {
    "name": "persons",
    "targetName": "persons"
  }
]
```

```
]
}
]
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