

```
1 {
2   "version": "0.2",
3   "features":
4   [
5     // defining one of the oceanic plates with a ridge
6     {
7       "model": "oceanic plate", "name": "oceanic plate A",
8       "coordinates": [[-1e3, -1e3], [2001e3, -1e3], [2001e3, 1000e3], [-1e3, 1000e3]],
9       "temperature models":
10      [
11        {
12          "model": "plate model", "max depth": 95e3, "spreading velocity": 0.005,
13          "ridge coordinates": [[1200e3, -1e3], [1200e3, 1000e3]]
14        }
15      ],
16      "composition models":
17      [
18        {"model": "uniform", "compositions": [0], "max depth": 10e3},
19        {"model": "uniform", "compositions": [1], "min depth": 10e3,
20         "max depth": 95e3}]
21      ],
22      // defining the other oceanic plate with a ridge
23      {
24        "model": "oceanic plate", "name": "oceanic plate B",
25        "coordinates": [[-1e3, 1000e3], [2001e3, 1000e3], [2001e3, 2001e3], [-1e3, 2001e3]],
26        "temperature models":
27        [
28          {
29            "model": "plate model", "max depth": 95e3, "spreading velocity": 0.005,
30            "ridge coordinates": [[800e3, 1000e3], [800e3, 2000e3]]
31          }
32        ],
33        "composition models":
34        [
35          {"model": "uniform", "compositions": [0], "max depth": 10e3},
36          {"model": "uniform", "compositions": [1], "min depth": 10e3,
37           "max depth": 95e3}]
38        ]
39      }
40    ]
41 }
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