Subject: [PATCH 3/3] Use BUILD_BUG_ON in net/core/flowi.c
Posted by Pavel Emelianov on Mon, 22 Oct 2007 15:28:02 GMT
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Instead of ugly extern not-existing function.

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

```
diff --git a/net/core/flow.c b/net/core/flow.c
index 0ab5234..3ed2b4b 100644
--- a/net/core/flow.c
+++ b/net/core/flow.c
@@ -142,8 +142,6 @@ typedef u64 flow_compare_t;
 typedef u32 flow_compare_t;
 #endif

-extern void flowi_is_missized(void);
-
 /* I hear what you're saying, use memcmp.  But memcmp cannot make
  * important assumptions that we can here, such as alignment and
  * constant size.
@@ -153,8 +151,7 @@ static int flow_key_compare(struct flowi *key1, struct flowi *key2)
  flow_compare_t *k1, *k1_lim, *k2;
  const int n_elem = sizeof(struct flowi) / sizeof(flow_compare_t);

- if (sizeof(struct flowi) % sizeof(flow_compare_t))
-  flowi_is_missized();
+ BUILD_BUG_ON(sizeof(struct flowi) % sizeof(flow_compare_t));

  k1 = (flow_compare_t *) key1;
  k1_lim = k1 + n_elem;
--
1.5.3.4
```

Subject: Re: [PATCH 3/3] Use BUILD_BUG_ON in net/core/flowi.c
Posted by davem on Wed, 24 Oct 2007 04:15:56 GMT
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From: Pavel Emelyanov <xemul@openvz.org>
Date: Mon, 22 Oct 2007 19:28:22 +0400

> Instead of ugly extern not-existing function.

I can take credit for this turd. Hey, it was the accepted way to do
compile time assertions at the time :-)

> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

Applied!