Demystifying Terraform

"Hardcore".toCore(Infrastructure-as-Code) Tool





Why would you use Terraform? Lots of community and commercial tooling around Terraform

- - Terratest, Atlantis, Octopus Deploy, most CICD platforms
- Same skill, many many different providers.
 - Seriously, many
- Microsoft is invested in the AzureRM Provider for Terraform



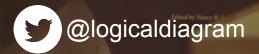
Mark Gray @markg_msft Program Manager on Azure OSS Integrations

```
y).+function(a){"use strict";function b(b){return this.each(runction()[var
ropdown-menu)"),d=b.data("target");if(d||(d=b.attr("href"),d=d&&d.replace(/.*(?=#[^\s]*净)/,
st a"),f=a.Event("hide.bs.tab",{relatedTarget:b[0]}),g=a.Event("show.bs.tab",{relatedTarget:e[0]
faultPrevented()){var h=a(d);this.activate(b.closest("li"),c),this.activate(h,h.parent(),functio
rigger({type:"shown.bs.tab",relatedTarget:e[0]})})}}},c.prototype.activate=function(b,d,e){func
.active").removeClass("active").end().find('[data-toggle="tab"]').attr("aria-expanded",!1),
ia-expanded",!0),h?(b[0].offsetWidth,b.addClass("in")):b.removeClass("fade"),b.parent(".dropdo
().find('[data-toggle="tab"]').attr("aria-expanded",!0),e&&e()}var g=d.find(">.active"),h=e&&
le")||!!d.find("> .fade").length);g.length&&h?g.one("bsTransitionEnd",f).emulateTransitionEnd
se strict";function b(b){return this.each(function(){var d=a(this),e=d.data("bs.affix"),f="ob
-typeof b&&e[b]()})}var c=function(b,d){this.options=a.extend({},c.DEFAULTS,d),this.$target=a
,a.proxy(this.checkPosition,this)).on("click.bs.affix.data-api",a.proxy(this.checkPositionW
null,this.pinnedOffset=null,this.checkPosition()};c.VERSION="3.3.7",c.RESET="affix affix-top
State=function(a,b,c,d){var e=this.$target.scrollTop(),f=this.$element.offset(),g=this.$targ
"bottom"==this.affixed)return null!=c?!(e+this.unpin<=f.top)&&"bottom":!(e+g<=a-d)&&"bottom"
||-c&&e<=c?"top":null!=d&&i+j>=a-d&&"bottom"},c.prototype.getPinnedOffset=function(6gicaldiagramis
.RESET).addClass("affix");var a=this.$target.scrollTop(),b=this.$element.offset():return
```



Chris Hunt





SRE at stack overflow

Source: https://github.com/cdhunt/pssummit2019-terraform

Slides: https://bit.ly/2GOo2tc

More reading:

- A Multi-Tier Azure Environment with Terraform including Active Directory
- Why we use Terraform and not Chef, Puppet, Ansible, SaltStack, or CloudFormation
- https://github.com/terraform-providers/terraform-provider-azurerm/

Photos courtesy Pexels.com