

The SPL Ecosystem 09-11-2025:

Second only to Ethereum in total value locked (TVL), Solana is a high-performance, layer-1 blockchain known for its fast transaction times and low costs. Notably, Solana also enables developers to create and deploy both tokens and decentralized applications (dApps) through the use of self-executing, programmable code, much in the same way as Ethereum smart contracts. However, what makes Solana different in this regard is its use of the Solana Program Library (SPL) to manage all programs on the network.

But what exactly is the Solana Program Library? How do programs on Solana compare to smart contracts on Ethereum, and how do SPL tokens work? In this article, Ledger Academy breaks down everything you need to know about the SPL ecosystem.

In short, the SPL is a collection of programs, detailing how tokens and protocols operate on the Solana blockchain. This library of pre-compiled programs is optimized for use on Solana, providing developers with a roadmap for launching tokens and dApps and ensuring that different elements in the network work together as they should.

The SPL helps developers with a building block approach, providing them with reusable components to use within their applications and allowing them to build network-compatible applications without having to create complex code from scratch.

Programs are collections of code that can be triggered to execute a specific action through a network transaction. There are two types of programs in the Solana ecosystem – native programs and on-chain programs.

Native programs are the ones responsible for the core functions of the network and are thus a critical part of the Solana blockchain. Native programs help to process transactions, enforce network rules, and create new accounts.

On-chain programs are the ones written by users and deployed onto Solana such as dApps, exchanges, and tokens. Ethereum smart contracts store both programs and their states, Solana uses a stateless program model, storing programs and data in separate ‘accounts’.



Secret Phrase SPL

horror enhance cattle patch usual twin dynamic upgrade denial section toe runway	remain journey lonely neutral duck cradle wet begin ability right case hire
monitor taxi royal barrel civil drift discover wide violin stuff once gun	system observe rely happy hospital immune dirt scatter luxury orange broccoli cry
ethics split fabric tail enforce infant aim valid pulp bread wrestle captain	common boat trigger unaware shoe essence soul radar cheap frost worth reward
cotton pear drive fault cruise cross valve catalog pill target trap girl	erupt chuckle wait alone auction arctic man argue second urge scheme code
clever elbow ready punch twelve fragile absorb spray brush dawn wolf knife	awesome coyote advice attract age eye copper umbrella guilt border wisdom car
hour wear range silk interest spin soft length zero sand pistol medal	connect patient exact spoon flame aspect know lawn exchange flavor boost slot
flush palm indicate choice render only story inmate seek ostrich slogan welcome	hint left body kit mom syrup atom law dismiss corn glare debate
romance grid cigar convince estate circle dance armor mean destroy mesh average	found excess castle group brick blouse bring dad pluck toilet rigid chief
year junk unhappy laptop raw bonus field spider around flock picture focus	away fold dinosaur grow bullet output enact sail avoid crush rice defy
prison insane basic toy black fan soup yellow under pelican mix limit	saddle unable federal option simple close reopen advance tortoise remove salmon rabbit
season suggest fresh alien engine web resource license purchase total trumpet aware	addict marble mushroom feature fence crack alpha dolphin ahead gown essay okay
bag pilot birth burden build forest apology bundle can casual cash humor	enroll retreat situate scrap hair print fuel same moment club column feed
heart play budget renew ten order boil quote slice pulse degree offer	jungle basket express crawl chimney vicious assault object word size segment caught
risk century arch ball develop penalty couch head audit frozen wine engage	comfort path rural traffic describe cause inch glove mountain easy language bridge
wealth polar either elite gold slush minimum symptom climb hard start ensure	agent sweet entire dash review lottery young cabbage candy canyon giggle decide
oval gaze demise replace install process dignity elevator soldier pizza senior beef	cram brother wing master major spirit hundred fancy kite liberty antenna term
behave angle hello dinner kitchen define give obscure general slam jeans lab	bronze ghost maximum minor step hockey dove snack price carbon dose parent
decrease final easily become whale potato grit amazing blush panic wink icon	account apart brand wasp poem emotion also idle evoke real link scorpion
sketch join depend come local slide uncle brisk nuclear rotate usage pledge	jewel document diagram trial sunny short organ parrot help approve guitar honey
faculty unlock two cushion robot swim wood fee vital need what tornado	pink banner one fury holiday skate satoshi lend stadium recall firm sight

fortune unfold nose hole dry office biology access donate canal crowd silent	champion donkey place improve choose scan canoe reveal tomato example picnic shiver
great nasty assist gap must cream try just nephew edge sea hub	layer acoustic disease anxiety gravity success chest finger injury note light bacon
photo jar festival record merit issue chunk february correct paper tilt lesson	congress stage leader raccoon vocal cable share clown rate clock rival typical
rough universe gorilla baby nut bulb glance slow vintage box legend anchor	kitten weapon treat fluid good pause swing razor symbol coin hero athlete
mad tennis small walnut blade select notice cement soon board rent egg	vacuum allow planet abandon accuse again glue knock involve spy switch gossip
motion category subway please crash wool mixture way manual tray victory depart	glass belt letter response satisfy certain follow game suffer alert resemble obtain
call crucial empty amused dream use reflect kid keen foam guide drum	end first desert combine bargain envelope merry parade online win change hunt
nerve enemy similar pair silly chef mirror smart rhythm wash lobster lyrics	bench vote bind tumble much pencil trip warrior spatial clog water clerk
stove setup peace matrix random december leave couple client oak island divorce	unit ceiling annual cheese crew census weird absurd mother museum spot venture
draft absent book uncover where level chalk position cluster enjoy cricket act	jelly squeeze thing very consider funny coach school decline number disorder genius
fringe property almost visit attitude copy sausage any evil gentle thank wife	talk alcohol problem scene crouch tank spend army axis owner side harvest
list mistake used diesel few never prize perfect deputy suit piano nation	coil repair jaguar equip kiwi elephant mule power flag banana lady hurdle
transfer then torch embody market police barely flip smoke onion reunion relief	evolve fade ancient glimpse increase quantum rescue screen world earn idea churn
anger city invite pattern skirt require gospel pitch drastic ocean talent into	fashion sorry embrace search stick dial trade pipe color someone pole regret
movie chronic intact monkey swallow wrong orbit since mouse habit gym square	prosper figure frown rebuild labor until beach panda rare lizard view winner
shaft load maid hawk have chair crunch ripple permit thunder clump topic	evidence force undo family rib forward network apple bamboo invest card gallery
vault shoulder surround cannon grief leaf busy fiction rude peanut ring noodle	garden riot true safe learn eternal auto later table toast pottery solve
slight space index muffin void endorse sibling trend sugar member speed feel	people liquid prefer grape hill physical erosion clutch exile volcano still grace
miss rapid tiger seven walk surprise debris obey survey joke lunar river	rug bunker enter tragic raise twice limb gain portion vendor net glide
zebra glow crystal critic mutual life comic race best subject tide arm	tiny differ drill mammal midnight wreck toddler artefact warm match rocket weekend
when tent possible sound purity scale fine middle virtual cloth believe echo	dress horse height width theme cup panel impulse divide flight suspect mention
promote afraid attend napkin dust dwarf balcony badge digital script garage genre	exclude insect mystery music swamp breeze visa quiz tell submit hat crater
direct door action gauge main accident fly employ crane pigeon sniff make	volume ramp cousin wrap marriage rather voyage album toss misery defense snap

female future legal era leopard faith bean goddess mask cactus pony night	party shallow quit butter blossom fire steak alarm bubble menu borrow decade
private inform frequent deny adapt oven input kick train crazy shift unusual	wonder shuffle stereo kingdom ankle salute episode curtain enough steel inherit genuine
attack floor buzz test before plug stay orphan broom blame grass wave	eight often tunnel bone enrich mansion report virus rally exhibit trust oxygen
obvious slab area tube mail now rule tomorrow garbage frog bottom quick	juice upset gather sport fossil caution clean worry unknown extra round whip
elder waste orchard mimic shop outdoor put helmet cute track trick garment	video affair radio news gloom venue entry disagree bleak draw check coffee
cake coral refuse update neither bright chase add guess push claim cube	outside text ginger recycle announce identify lion practice jazz joy industry puppy
lecture thought ordinary fitness prepare amount march stumble buffalo diary stem window	shock secret ecology monster olive adult half person phone ritual leg myself
erode eyebrow timber sentence measure drama opinion coast title carry large arrow	green rookie float among image ladder eagle tone rail million isolate resist
income tired diamond present rose grant human home impact arrange doll remind	buddy scout autumn lens dice lazy frame multiply boy fatigue say fish
explain skull creek expose tonight fat flower shield pioneer mercy outer name	omit nominee all crisp oyster divert filter lucky visual session scrub like
tenant math tower pride priority motor cliff fun mosquito exhaust goose actual	afford daring page snake mixed arrest capable hammer demand roast work own
control sock weather escape deal hollow blue margin settle vessel sunset return	lava eager doctor shy shrug deer desk valley art job post modify
wall result brown claw spread wedding stand blast message milk unique sadness	file smooth wire gasp film public solid lemon galaxy answer clap mechanic
uniform foil conduct kind soccer vapor shine lounge cost expire curve morning	loop finish write notable thrive veteran jump fruit little decorate retire beauty
ship next despair remember bus poverty acid siren behind reject economy early	shed model dentist matter throw pass daughter more ignore tag brief sell
sick mass leisure earth damp balance harsh hurt find core swear crumble	child vacant giant live weasel tongue donor sudden dune bid source awkward
base that repeat minute question hamster pull myth peasant moon loud plate	label double odor high inspire country health whisper current together achieve puzzle
sign trophy cargo north stool actor cycle tree acquire carpet another ice	effort reform shadow arena abuse detail reason project village nest fox charge
save metal hotel artwork avocado task solar useless wish uphold aerobic abstract	during cat impose display surface above loan strong luggage grain near sting
original devote hazard velvet custom loyal shoot exotic wrist student ozone blood	turn zoo awful sense company snow olympic off execute oblige alley boss
voice pool pact strategy history culture hobby neglect topple because seat pupil	rebel betray foster seminar witness inner maple sword deposit craft patrol narrow
coconut face keep memory sister gesture depth sphere false sustain spell gas	speak excuse ski tribe slim mango humble spring fatal paddle receive stamp
educate assume clip payment palace junior spoil brain pig month danger unfair	course series kidney ugly lumber edit enlist teach fiscal proof clay chat

day program tooth alter lunch point sure address mobile drink trash surge	faint deliver trim today camera exist else govern giraffe furnace run profit
asset antique bomb ketchup liar error canvas harbor fit expect ask grunt	stomach imitate camp love mind shrimp elegant appear hen logic vehicle hip
sauce confirm bitter cereal curious armed wagon broken bachelor supply poet quarter	battle sample unveil artist this food device cook illness verb horn recipe
ridge maze extend fetch route cupboard sheriff arrive hold park cruel gate	spawn reduce rifle farm fever actress urban concert cancel ivory oppose merge
animal pudding bracket region zone brass there machine inside endless over noise	winter solution version plunge flash celery analyst twenty phrase novel plastic powder
rack bulk glory viable praise beyond globe tuition struggle service muscle flat	benefit illegal meadow stock negative slender pen you glad hybrid pretty hungry
truly capital truck husband skill spike key soda salt twist move useful	burst air utility spare library purpose token shell seed strike cage calm
drip sun dragon song tourist about pet diet lake such always taste	pave wheel quality initial crime old electric amateur piece bounce they laugh
security naive judge tackle fall material drop ranch sing moral derive citizen	grocery smile burger author social long street father swarm exercise summer silver
garlic business clarify truth orient inject damage roof between host top indoor	fiber clinic design across chaos click blanket buyer tissue pumpkin lawsuit turtle
produce hurry scissors spice cloud lift fog element include regular south sort	embark asthma warfare angry fix vague immense toward tobacco vanish sad better
sleep goat famous upon woman type forum knee want style primary casino	stable gadget cave admit sponsor will popular distance yard hover ill chapter
noble tattoo rich aunt cart pyramid crop wage innocent iron bird vivid	enable method tuna melt catch occur fantasy mandate media empower staff van
dumb april tip bicycle friend excite collect laundry brave item tool supreme	shove vast ticket inflict blind normal pepper bar squirrel tape delay bike
gift miracle time october dilemma various raven wild thumb hope upper boring	special neck cool wheat huge panther stone salon already heavy town hidden
swap meat three cherry oil cover hand able release ride magic detect	six other open equal awake fork nothing provide duty salad nature swift
cinnamon stairs travel youth kangaroo relax lock blur august chicken nice agree	robust grab front inhale nurse marine trouble melody super aisle theory erase
expand domain exit jacket soap state opera turkey prevent forget foot dutch	dish latin kiss ribbon siege cabin room airport rain science energy inquiry
guard hood rubber fame verify proud purse hedgehog flee skin protect predict	emerge wise credit team jealous adjust lamp below pond road bless dog
vibrant west manage east favorite dizzy scare magnet earth dust wire reveal	